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U. S. DEPARTMENT OF AGRICULTURE,

WEATHER BUREAU.

INSTRUCTIONS

FOR

PREPARING METEOROLOGICAL FORMS.

CLIMATOLOGICAL DIVISION.

WASHINGTON:
GOVERNMENT PRINTING OFFICE.
1919.

INSTRUCTIONS

FOR

PREPARING METEOROLOGICAL FORMS.

CLIMATOLOGICAL DIVISION.

1. Meteorological Forms, when Mailed.—Forms No. 1001, No. 1015, No. 1017, No. 1028, No. 1068, No. 1072, No. 1073, No. 1074, No. 1075, and No. 1083, not later than the 10th; Form No. 1030, 1st, except when that date falls on Sunday it will be issued on the 2d; Forms No. 1002 and No. 1003, as soon as the correction letter for December Form No. 1001 is received.

2. When any form can not be mailed on the prescribed date, an explanation of the cause of delay will be forwarded to the Central Office on the day that it should have been mailed.

3. The barograph and thermograph traces, and Forms No. 1015, No. 1017, and No. 1028 will include the record for the last day of the month.

4. It is the policy of the Central Office not to surrender custody of any form that can not be duplicated after it has been received. The official in charge is therefore enjoined to see to it that all data required are extracted before such forms are mailed.

5. In forwarding the above-named forms to the Central Office write on the lower left-hand corner of the envelope, "Forms for Climatological Division."

6. In preparing Forms No. 1001, No. 1015, No. 1017, No. 1028, No. 1083, and barograph and thermograph trace sheets for mailing, the sheets will be arranged chronologically and fastened together with a Dennison or similar paper fastener.

7. Errors will be charged as follows: (1) Each original correction made in the examination will be counted as one error, but supplementary errors resulting from the original entry will not be charged. (2) A failure to comply with any instructions will be counted as one error when it has been clearly shown that such instructions have been received at the station. (3) If an observer has been charged with an error for failure to comply with any instructions, and again fails to do so on forms for succeeding months, he will be charged with an error for each erroneous entry in the form caused by his disregard for the instructions in question. (4) Errors of omission will be counted in the same manner as errors of commission.

8. An original error made in taking, reducing, or recording an observation, or in transcribing data from Form No. 1083, will be charged equally between the person taking the observation and the one who checks the data (one-half to each).

9. Officials in charge may assign an assistant of ability and trustworthiness to be responsible for the accuracy of Form No. 1001 in so far as relates to all matters of copying, compiling, computing, etc., but in all questions of judgment, where it is necessary to put a construction upon an order, ruling, etc., the matter will be decided by the official in charge.

10. Any assistant may be responsible for pages 4, 5, 6, 7, 11, and 13 of Form No. 1001, and Forms No. 1002 and No. 1003. This will give a careful assistant opportunity to make a record for accuracy, besides relieving the official in charge to some extent. The official in charge of the station, however, must continue to exercise general supervision over the meteorological work of his assistants, examining and checking it as frequently as may be necessary, and will be held jointly responsible with them for the general appearance and accuracy of all forms. He also will be held directly responsible for errors that can be detected by a cursory examination, and if the number of errors made at his station be unduly large it will be considered evidence that he is not giving proper attention to this duty, and he will be censured conjointly with the assistant or assistants making the errors. Messengers and student assistants will not be held responsible for any meteorological form without special permission.

11. The assistant preparing Form No. 1001 under the provision of paragraph 9 will sign his name in the lower left-hand margin of page 9; those preparing pages 4, 5, 6, 7, 11, or 13 will sign on the lower left-hand margin of said pages.

12. Two persons will not sign as responsible for a page or form, except in case of sickness, absence, or relief from station, and then it will be stated for what portion each one is responsible.

13. An official relieved from charge of station or responsibility for forms will be held accountable for errors up to, but not including, the date of his relief. When so relieved he must plainly indicate on the forms the dates of his accountability.

14. Ditto marks (") will not be used in any form.

15. The station clock will be kept adjusted to the standard of time in local use.

16. All observations, with the exception of the 12 noon local mean time observation, will be taken on 75th meridian time, but the standard of time in local use will also be entered.

17. All instrumental records will be kept on the standard of time in local use.

18. All data on pages 2 and 3 of Form No. 1001, except days with light and dense fog, and the corresponding data on page 9, and all data on page

10, will be recorded in 75th meridian time. All other data, with the exception of the 12 noon local mean time observation, will be recorded in the standard of time in local use. Data on Form No. 1014, and the notes on Form No. 1083, unless otherwise noted, will be in the standard of time in local use.

FORM No. 4012, MIS.

19. Whenever an employee has reason to think that he has been wrongfully charged with errors, the correction letter will be returned at once, by indorsement, requesting a reexamination and stating what error or errors should not, in his opinion, be charged, with his reasons therefor. The matter will receive prompt and careful consideration, and should it be found that errors have been improperly charged they will be removed. If the errors charged are accepted, the letter will invariably be signed by the person or persons whose names appear in the body of the letter and promptly returned. In case of absence of the employee who is responsible for the accuracy of the data, it will be signed by the official in charge and forwarded to the one to whom the error or errors have been charged, to be noted by him and returned to the Central Office. Employees are enjoined to see to it that all corrections indicated and all resulting changes are made in Forms No. 1001, No. 1002, and No. 1014, and the Climatological Record. The carbon copy of the letter which accompanies it will be filed as a letter received.

FORM No. 1001.

20. This form will be kept clean, and all entries therein made in a neat, legible hand. The leaves should be separated for convenience in entering the data, but margins must not be trimmed.

21. Whenever, from any cause, an observation is not taken the reason therefor will be plainly written on the margin and a full report of the facts at once made to the Chief of the Weather Bureau.

22. If an observation has been taken late it will be recorded in brackets with the exact time at which it was taken and used in computing all means and averages the same as if taken on schedule time, unless the conditions have changed since the time for the observation, in which case the probable conditions at the proper time of observation will be determined from the recording instruments by interpolation. These interpolated values will be entered in red ink above the late readings and used in all means and deductions.

23. An observer may be occasionally prevented by legitimate causes from taking an observation on time, but in such a case the observation will be taken as soon as possible and recorded as of the time at which it was actually taken and disposed of as provided in paragraph 22, and a full report of the facts at once made to the Chief of the Weather Bureau. This report will always receive proper consideration.

24. An observer guilty of falsifying the record by reporting observations as taken at prescribed hours which were not actually so taken, or in any other manner whatsoever, will be summarily and severely dealt with, regardless of previous record or length of service.

25. All observations entered on Form No. 1083 will be immediately copied in the proper spaces in Form No. 1001. The retained record will contain pages 2, 3, 8 (except beginnings and endings of precipitation), 9, 10, and 13, and must be kept up to date. All footings on pages 4, 5, 7, and 11 of Form No. 1001 that are required to be entered in Form No. 1002 will be copied in the retained Form No. 1002 before mailing Form No. 1001.

26. The observation will be begun 20 minutes before 8 o'clock, 75th meridian time. The cipher report should be filed at the telegraph office at 8 a. m. or p. m., 75th meridian time. The 12 noon local mean time observation will be begun exactly at that hour.

27. Instruments will be read and conditions noted in the following order: (1) Clouds, (2) state of weather, (3) maximum and minimum thermometers, (4) dry and wet thermometers (and thermograph noted), (5) anemoscope, (6) rain gage (or snow gage), (7) register to anemometer, (8) attached thermometer to barometer, (9) barometer (and barograph noted).

28. All entries in this form must be made in black record ink except when otherwise directed. Red ink will not be used except in underscoring and when specially directed (see pars. 22, 59, 69, 91, and 221). On Forms No. 1001 and No. 1083 erroneous entries in columns for original readings should have an ink line drawn through them. The obliteration of any entry in columns for original readings on Forms No. 1001 and No. 1083 is prohibited.

29. Entries of direction of wind and clouds will be printed thus: N., NE., E., etc.

30. When crowded for room, notes will be put upon the margin.

31. Instructions relative to taking special observations are given in the Weather Code.

32. All meteorological observations taken will be checked, so far as possible, the following day by the employee responsible for their accuracy.

33. The day of the week on which the month begins will be entered on the left-hand margin of page 8, opposite the first date.

PRESSURE.

34. Actual Elevation.—The height of the zero points of the barometers of a station above sea level. The elevations of instruments will be entered to whole feet on *all meteorological forms*, except Form No. 1058, when these data are required.

35. Station Elevation.—The elevation above sea level adopted for a station at a basis to which all pressure observations at the station are correlated. The elevation on January 1, 1900, was adopted as the station elevation for each one in operation on that date. For stations opened subsequently, the elevation of the barometer at the time of opening of station will be adopted as the station elevation.

36. Removal Correction.—When an office is moved to new quarters and the elevation of the barometer is thereby changed, a proper correction will be applied to the barometric readings in the new location that will reduce the observed readings to the pressure appropriate to the "station elevation." This removal correction will be included in the sum of corrections, Form No. 1059, furnished by the Instrument Division.

37. Sum of Corrections.—A term embracing all the corrections that are practically constant for a given instrument and in a given location, namely, the correction for scale errors, capillarity, gravity, and the removal correction. This sum is given on Form No. 1059, furnished for each instrument.

38. Total Correction.—The correction for temperature, plus the "sum of corrections" as defined above.

39. Observed Reading.—The direct result of the reading of an instrument, uncorrected for any errors.

40. The barometer should be read and recorded to the nearest thousandth of an inch, and the reading will be immediately entered on Form No. 1083 before the reductions are made.

41. Station Pressure.—Corrections for instrumental error, gravity, temperature, and removal, preceded by the proper algebraic signs, will be applied to the observed barometer readings. The correction for temperature will be obtained from the barometer correction cards, as follows: Find at the top of the card the observed height of the barometer, and in the column headed "Attached thermometer" the reading of the attached thermometer; the number at the intersection of these lines will be the correction to be applied. If the reading of the thermometer be less than 29° above zero, the correction will be added, and if 29° or more it will be subtracted. For barometer or attached thermometer readings not given in the table the temperature correction will be determined by interpolation. The sum of corrections for instrumental error, gravity, and removal will be applied to the correction for temperature before recording the latter. Example: Observed barometer reading, 29.512; attached thermometer, 62.0; sum of corrections, + .008. The temperature correction card gives a correction of − .089, to which add the sum of correction + .008 = − .081 to be used and recorded in column headed "Total correction."

42. If the position of the barometer be changed and the elevation increased, .001 inch will be added to the sum of corrections for each foot of increase; if the elevation be decreased, .001 will be subtracted for each foot of decrease. These corrections will be applied pending the receipt of new correction cards.

43. Reduced Pressure.—The reduced barometer will be taken directly from the special table supplied to each station and will be entered to hundredths only. The temperature argument, at stations making two observations daily, will be the mean of the current temperature and that at the preceding regular observation; at stations making but one observation daily it will be the mean of the maximum and minimum temperatures as read at the time of observation. The pressure argument will be the station pressure to hundredths of an inch only (the third decimal being disposed of according to rule). Enter the table with the arguments as above described and find the point where the argument lines intersect; the value there given will be the reduced pressure. It will be necessary to interpolate for the hundredths when the station pressure falls between the tenths of an inch as given at the top of the table. No interpolation will be required for temperature argument if the table be extended so that for each temperature entered there is a difference of only one hundredth in the table. The temperature argument for a special observation will be the mean of that and the preceding regular observation.

44. 3,500 and 10,000 foot planes: The temperature and pressure arguments will be the same as for the sea-level pressure, and the pressure for these planes will be obtained from the tables furnished for said elevations in the same manner as the sea-level pressure and the data will be entered to hundredths of an inch only.

TEMPERATURE.

45. All thermometers must be read and the readings recorded to the nearest tenth of a degree, except the attached thermometer, which will be read and recorded to the nearest half degree.

46. The dry-thermometer readings will be reduced to the various planes by applying the corrections in the table furnished for reducing the "monthly temperature" to these planes.

47. Instrumental corrections will not be applied to thermometer readings except when they are ± 0.3 or more in the case of mercurial thermometers, and ± 0.5 or more in the case of minimum or alcohol thermometers, except when the temperature is 42° or lower; and except when the wet thermometer reads higher than the dry, then all corrections will be applied to the readings of the dry and wet bulb thermometers. The corrections furnished are for each 10°, and will be applied algebraically to the scale readings of the thermometers before recording the same. For a scale reading between those for which corrections are given, an interpolated value of the correction will be used. Example: For a reading of 62.0° the correction is −0.5°. The true temperature is, therefore, 62.0° −0.5°=61.5°. For a reading of −8.0° the correction is −1.2°, the true temperature is −8.0°−1.2°= −9.2°. For a reading of −28.0° the correction is +7.8°, the true temperature is −28.0° +7.8°= −20.2°. The corrections of thermometers are given on the cards only as low as actual comparisons have been made with substandards. If it should happen that a reading of a thermometer is obtained at a point lower than any for which its corrections are given, then the corrections will be determined by continuing the same ratio of increase or decrease as between the last 30° for which the corrections are given. Example: The correction at +2° is −0.6°, and at −28.0° is −2°. The change of correction between +2° and −28° is −1.4°. For 7° it is about −0.3°. For a scale reading of −35.0°, which is 7° below −28.0°, the correction is −2.3°, and the true temperature is −35.0°−2.3°=−37.3°. When the signs of the temperature and the correction are the same, add; when different, subtract.

48. The maximum and minimum thermometers will be set both at the a. m. and p. m. regular observations. They will not be set when taking special observations.

49. Observers should always note whether there is agreement in the temperature values given by the several thermometers; that is to say, (1) the top of the alcohol column of the minimum should indicate the same or nearly the same temperature as shown by the dry thermometer; (2) the minimum thermometer readings should be as low as, or lower than, the dry thermometer at the current and preceding observations; (3) the maximum thermometer reading should be as high as, or higher than, the dry thermometer at the current and preceding observations. Readings contrary to the above rules, if the instruments are properly set and read, are abnormal, and steps will be taken at once to discover and remove the cause or replace the instrument if defective. Small differences, however, amounting in some cases to nearly or quite a degree, will occasionally be found to occur. On such occasions the exact readings must be recorded, with an explanatory note.

50. The wet thermometer should always be kept in proper condition, the bulb and muslin cover clean and carefully moistened preceding each observation. In damp, foggy weather it may sometimes read higher than the dry thermometer after all instrumental corrections have been applied, in which case enter the corrected reading of the instrument, but inclose it in brackets, and enter the corrected reading of the dry thermometer above it and use the latter in obtaining the footings; record the reading of the dry bulb as the temperature of the dew-point, and the relative humidity as 100 per cent, with an explanatory note on the margin.

51. When the temperature of the air is below that at which mercury freezes, the temperature as indicated at the top of the alcohol column of the minimum thermometer will be entered as the readings of the dry and wet bulb thermometers, and also as that of the dew-point, and the relative humidity will be recorded as 100 per cent.

During the prevalence of low temperature, but above the freezing point of mercury, the wet bulb covering should be saturated a few minutes before beginning the observation; and whenever, after diligent effort, it is found impossible to cause the wet thermometer to read as low as, or lower than, the dry thermometer after applying all corrections—any incidental moisture on the dry bulb being removed—the reading of the wet thermometer will be recorded as corrected and inclosed in brackets, and the reading of the dry thermometer entered above it and used in obtaining sums and means. The dry thermometer reading will be recorded as the temperature of the dew-point, and the relative humidity as 100 per cent. Explanatory notes should indicate when these conditions occur.

52. The dew-point, relative humidity, and vapor pressure will be obtained in accordance with the tables furnished; the dew-point will be entered to the nearest whole degree, the relative humidity to the nearest whole per cent, and the vapor pressure to the nearest thousandth of an inch.

53. All daily temperature values on page 8 will be entered in whole degrees only, the tenths of degrees being disposed of according to rule.

54. At stations having a thermograph the maximum and minimum temperatures on page 8 will be taken from the maximum and minimum thermometer readings on pages 2 and 3 (see paragraphs 55 and 56) except when the true maximum or minimum for the day, midnight to midnight, can not thus be obtained, in which event it will be obtained from the corrected thermograph trace (see paragraph 219). At stations not having a thermograph the maximum and minimum will be obtained in accordance with paragraphs 55 and 56.

55. The maximum temperature for the day will be taken from the p. m. observation, except under the following conditions: (1) The maximum temperature recorded at the a. m. observation of the next day will be used when it is higher than the maximum at the p. m. observation and is believed to have occurred before midnight; (2) the maximum temperature recorded at the preceding a. m. observation will be used when it is believed to have occurred after midnight and is higher than any temperature recorded after the a. m. observation of that day. The maximum of any day must be as high as the minimum of the preceding day.

56. The minimum temperature for the day will be taken from the a. m. observation, except under the following conditions: (1) When a lower minimum is recorded at the p. m. observation, it will be used; (2) when the minimum recorded at the following a. m. observation is lower than that recorded during the preceding day, and is believed to have occurred before midnight, it will be used; (3) when the minimum recorded at the a. m. observation of the current day is believed to have occurred before midnight the minimum temperature for the day will be taken from the p. m. observation, unless example (2) requires it to be taken from the following a. m. observation. The range is the difference between the maximum and minimum.

57. The mean (max. and min.) temperature for the day is the sum of the maximum and minimum (as recorded on page 8) divided by 2, and will be recorded to whole degrees only, the tenths being disposed of according to rule. This mean will be used on all forms and reports as the daily mean temperature.

58. The change of temperature is the difference between the mean temperature of the previous and that of the current day.

59. Hourly Readings.—At stations designated by the Central Office the hourly readings of the thermograph, at the exact hour, after being corrected for instrumental error in accordance with instructions, will be entered in black ink on page 5 in whole numbers. The readings at 8 a. m. and 8 p. m., 75th meridian time, and at all other hours at which eye readings are made of the dry thermometer, when they correspond to an exact hour, standard of time in local use, will be entered in the proper hours, and in the same hour column will be written, in red ink, with its appropriate sign, the correction for the self-registering instrument (see paragraphs 212 and 217–222). All eye readings at hours other than 8 a. m. and 8 p. m., 75th meridian time, will be underscored in red ink.

60. In case the register fails to record for a portion of the day, the missing data should be supplied by interpolation; the data thus obtained will be connected by an asterisk to an explanatory note on the margin of the form.

61. Only data for whole days will be used in obtaining sums and means.

62. Footings.—The sums and means will be determined from the data entered in accordance with the foregoing instructions, the means being recorded to tenths.

63. Average Hourly Readings.—The mean of the column headed "Sum" will be obtained by dividing the total sum by the number of hours in the month.

64. Page 4 will be prepared at all stations where an automatic record of sunshine is made, except at those that have been authorized not to do so. The character of the day and average cloudiness will be entered at all stations.

65. With the exception mentioned in paragraph 71, the actual time sunshine as recorded during each hour will be entered to the nearest tenth of an hour in the appropriate columns under heading "Sunshine recorded during hours ending" (4 a. m. to 9 p. m., standard of time in local use).

66. The "Character of sunrise and sunset" will be recorded as clear, cloudy, foggy, hazy, or smoky, depending upon whether the sun was visible or obscured at the time of sunrise or sunset. When the character of sunrise or sunset is cloudy, foggy, hazy, or smoky the time these conditions obtained will be deducted from the full possible twilight correction.

67. It is not intended that observers shall go on duty at unreasonably early hours in order that the character of sunrise may be determined, but it is believed that, without much inconvenience, sufficiently accurate data can be obtained by noticing the character of weather immediately upon rising and by inquiry of persons who may have occasion to be up at time of sunrise.

68. The "Twilight correction" will be the difference between the time of sunrise for the latitude of station (as shown by Sunshine Table, Edition 1905) and the time at which the sunshine record began, and the difference between the time the sunshine record ended and the time of sunset (shown by table), provided the sky was clear during both these periods. If there were clouds, fog, etc., on the horizon sufficient to obscure the sun, either morning or evening, the time the sun was obscured should be deducted from the correction, as determined above.

69. The twilight correction will be apportioned among the morning and evening hours during which the sun shone and the register failed to record. The amount which belongs to each hour will be entered in red ink to the left of and above the entry of the amount of recorded sunshine. The twi-

light correction thus entered will be included in the sums entered at the bottom of the page.

70. Under " Hours of sunshine " the column headed " Total " will be the total recorded, including twilight correction. The " Possible hours of sunshine," recorded in the succeeding column, will be computed from the time of sunrise and sunset, as previously taken from Sunshine Table, Edition 1905.

71. In order that the first and last of the monthly " sums " under " hours ending " shall not be discordant with the " divisors " employed at the end of the month, the first and last fractional proportions of the " twilight correction " will be recorded each day to the nearest hundredth of an hour, provided the sun when at the horizon was not obscured; all other entries will be to the nearest tenth.

72. The " Percentage of possible hours of sunshine " will be obtained by dividing the total for each day (total recorded, plus twilight correction), multiplied by 100, by the " Possible " for the same date.

73. The daily sunshine percentage may, at the option of the official in charge, be entered on the right-hand margin of page 8, retained Form 1001.

74. The " Percentage of possible for each hour " will be determined by dividing the " Sum," multiplied by 100, by the number of hours of possible sunshine for the entire month during the hour indicated by the heading of the column. Except for the hours ending shortly after sunrise or sunset the " Hours of possible sunshine " will be the same number as there are days in the month. The divisors to be used for the hours ending shortly after sunrise and sunset are given in Sunshine Table, Edition 1905. The " Percentage of possible " for the month will be determined by dividing the sum of column headed " Total," multiplied by 100, by the " Possible " for the month. The possible hours for the month is not always the sum of the daily totals. (See paragraph 28, Circular G.)

75. All percentages will be recorded to the nearest whole per cent.

76. If at any time the amount of sunshine recorded by the instrument is known to be incorrect, either because the instrument fails to record when the sun is faintly obscured by thin haze, cloud, light fog, or light smoke, or because it continues to record for moderate cloudiness which obscures the disk of the sun, the true amount, as determined by eye observations, will be entered in the proper hour spaces in black ink and an explanatory note made on the margin of the form and on the original record sheets. A slight readjustment of the angle of inclination of the glass tube will eliminate imperfect results of this character with the electrical sunshine recorder.

77. No twilight corrections for the first and last hours will be entered under the conditions given in paragraph 76, but the record for the entire time will be in black ink, and the entries for the fractional hours will be recorded to hundredths.

78. When hills, trees, or buildings in easterly and westerly directions cause the actual times of sunrise and sunset to differ from those in the table, the observer will note, about the 15th of each month, or oftener if the horizon is very irregular, the time of actual sunrise and sunset, for the center of the sun's disk, and note those observations on the margin of the page.

WIND.

79. The current velocity, and maximum velocity since last observation, will be obtained in accordance with paragraphs 176–179. When the anemometer cups are not moving at the time of observation the wind will be recorded as calm, whether or not 1 or more than 1 mile has been recorded during the last hour; if the cups are moving, a velocity of 1 mile or more will be recorded. The maximum velocity will be entered on pages 2 and 3 only when it equals or exceeds 25 miles per hour. Where but one observation is taken daily, enter the prescribed velocity for the twelve hours preceding the observation and omit entry for the succeeding twelve hours.

80. The maximum velocity must always be equal to or greater than the current velocity, and will have but one direction recorded therewith.

81. The current velocity will be the reading at the time of taking the observation, i. e., between 7.40 and 8 o'clock, 75th meridian time. The maximum velocity will be the highest velocity for a five-minute period during the twelve hours preceding the regular observation.

82. Whenever there is a break in the record, enter note with the maximum velocity for each twelve hours, and for the day, stating the time for which they are a record.

83. The total movement for the twenty-four hours ending at 12 midnight will be used as the total daily movement.

84. The prevailing direction of the wind for each hour will be entered in the hour spaces, page 6. Only one entry will be made as the prevailing direction for any single hour. If two or more directions are recorded an equal number of times on Form 1017, consider the directions adjacent to the hour in determining the direction to be entered as prevailing. When the wind movement for any hour is entered as " 0," the direction for that hour will also be " 0."

85. The prevailing direction for the day, and for the hour as recorded at the foot of page 6, is the direction or directions which appear most frequently in the respective line and column.

86. The direction recorded the greatest number of times during the month will be considered and entered as the prevailing direction for that period. If two or more directions occur an equal number of times, consider the adjacent directions in determining the prevailing direction for the month. Only one direction will be entered.

87. Hourly Wind Movement.—The number of miles of wind recorded each hour will be entered for each day on page 7.

88. In counting the number of miles of wind for each hour the closing of the circuit should be counted as the mile and should be given to the hour in which the circuit closed.

89. The record for each day on pages 6 and 7 must be completed on the day following that for which the entries are made, or as soon thereafter as practicable, and the total for each day compared with the total from midnight to midnight, for the same period of time, entered on the face of the wind sheet.

90. The average hourly velocity will be obtained by dividing the total movement by the number of hours in the month.

91. The maximum velocity during the hour will be entered in red ink in the upper left-hand corner of the hour space each hour that the maximum velocity exceeds the limit fixed by the official in charge, for entry in Form No. 1014 (see par. 165). This velocity will be entered in the space provided at the top of the page.

92. At specially designated stations the number of miles and the length of time from each wind direction will be compiled from the data entered on pages 6 and 7, Form 1001. The number of miles for each particular hour will be credited to the prevailing wind direction for that hour.

Example.

On the 1st: Prevailing wind direction for each hour to 12 noon, W.
Total wind movement to 12 noon, 196.
Prevailing wind direction for each hour, 12 noon to mid., NW.
Total wind movement, 12 noon to midnight, 248.
The record for the 1st: W., 196 miles in 12 hours.
NW., 248 miles in 12 hours.

The sum of the percentages of time from the eight directions should be 100. When this sum is more than 100, deduct 1 per cent from one, or more, of the percentages which was increased most in discarding the decimals, to reduce the sum to 100. Likewise, when the sum is less than 100, add 1 per cent to one, or more, of the percentages according to a similar rule. The same rules apply to the percentage of miles.

CLOUDS.

93. Entries of clouds will be printed thus: Ci., Ci.St., Ci.Cu., A.Cu., A.St., St.Cu., Nb., Cu., Cu.Nb., St.

94. The amount of clouds will be recorded on a scale of zero (0) to ten (10). If no clouds are visible, record zero (0); less than one-tenth, record "Few"; less than two-tenths and not less than one-tenth, record 1, etc. Absence of movement will be indicated by the figure zero (0) in the space for direction; and when there is doubt as to kind and direction, a query mark (?) will be placed after the questionable record. The directions from which the clouds are moving will be recorded to eight points of the compass, as N., NE., E., etc.

95. Haze, smoke, and fog will be recorded in tenths, and must be designated as dense or light. These amounts will not be considered in footing up the columns.

96. When dense haze, dense smoke, or dense fog obscures eight-tenths or more of the sky, the state of the weather will be recorded as "Hazy," "Smoky," or "Foggy." Otherwise the state of the weather will be determined by the proportion of visible sky covered with clouds.

98. Haze will not be given a direction. Fog and smoke can have a direction; when no movement is perceptible, record zero (0) in space for direction.

99. If there be two or more levels of clouds observed, invariably record the upper first and the lower immediately underneath in the space for clouds.

100. Clouds will be recorded according to their form without reference to the occurrence of precipitation. That is, if rain is falling from strato-cumulus clouds, record the clouds "St.Cu." and the state of weather "Light rain," etc. When precipitation is occurring with dense fog, record the clouds "10 Nb." and the direction the same as the wind. When precipitation is occurring in the distance, but not actually at the place of observation, an explanatory note will be entered and the state of the weather recorded in accordance with the conditions at the place of observation.

101. Observers should be careful not to record cumulus or strato-cumulus as cumulo-nimbus. It is seldom that more than a few tenths of cumulo-nimbus clouds are visible.

102. In the column "Average cloudiness," page 4, observers will record in whole numbers the average amount of clouds during the day (sunrise to sunset) on a scale of zero (0) to ten (10), as determined from frequent personal observations.

103. The "Character of day" will be determined from data in column headed "Average cloudiness"; zero to three, inclusive, record "Clear"; four to seven, "Partly cloudy"; eight to ten, "Cloudy."

PRECIPITATION.

104. The time of each beginning and ending of precipitation will be recorded; intervals of fifteen minutes or less between the time of ending and recommencement not being considered except near the time of an observation, when all beginnings and endings must be recorded.

105. When a thunderstorm occurs the international symbol for thunderstorm (⟍) will be entered on the right-hand margin of page 8 on each day, midnight to midnight, standard of time in local use, on which thunder was heard.

106. The amount of rainfall will be determined by measuring with the "measuring stick" the amount in the receiver of the rain gage; record as the amount one-tenth of the actual depth measured. After the receiver has been emptied the water in the overflow, if any, will be poured into the receiver, measured, and added to that found in the receiver. Precipitation of less than 0.005 of an inch will be recorded "T." When the p. m. observation is not taken, the amount of precipitation for that observation will be measured the same as if both observations were taken.

107. When there is danger of evaporation, the rainfall will be measured as soon as the rain ceases, and the water, if drawn off, will be returned to the gage. If the measurement at the next regular observation exceeds this one, it will be substituted therefor.

108. All precipitation entirely or partially in the form of sleet, snow, or hail will be melted, poured into the rain gage receiver, measured, and recorded in the same manner as rainfall. The measurement of precipitation in the form of snow is attended with much uncertainty, due to the action of the wind in drifting the snow and preventing it from entering the gage or blowing out a portion of the snow that has entered. If the observer has reason to believe that the amount collected in the snow gage is not the total snowfall since last observation, three measurements of the depth of snow will be made at different places and the mean of these measurements recorded as the actual depth of the snow. If it is impracticable to melt or weigh the snow, or the amount collected in the snow gage is not considered correct, one-tenth of the amount of snow in the gage or from measurements elsewhere, as the case may be, will be recorded as the amount of precipitation for that observation, with an explanatory note.

109. The following suggestions are given for the guidance of observers in the measurement of snowfall:

While one-tenth the depth is arbitrarily adopted as the water equivalent of snow, yet this is only coarsely approximate, and observers should always endeavor to determine the actual equivalent by one of the following methods:

First method.—Select a place where the snowfall is as little disturbed as possible and cut out a section with the snow gage, or 8-inch overflow of the rain gage, by sinking the gage inverted through the snow and covering the mouth with a sheet of tin or thin board. The 8-inch cylindrical section of snow thus secured is then most conveniently measured by weighing, either in the gage itself, the weight of which is afterwards deducted, or after first emptying the snow into some smaller or lighter vessel. If this weight can be ascertained with an accuracy of within one-fourth of an ounce, the water equivalent will be given to the nearest hundredth of an inch by use of Table II—Paragraph 77, Circular A, 1903.

Second method.—If the snow is melted and measured in the measuring tube of the rain gage, care must be taken that loss does not occur by evaporation. Rapid melting must be avoided. The best results are obtained, not by melting directly, but by mixing a measured quantity of warm water with the snow and then measuring the slushy mixture, just as if the snow were all melted, deducting, of course, the amount of warm water added. Ten, or even five inches of warm water in the measuring tube are sufficient for effecting the measurement of a very considerable snowfall. Care must be taken in changing the snow or water from one vessel to another that portions of the precipitation are not lost.

110. When precipitation is occurring at the time of observation, or occurs between the taking of the observation and 8 o'clock, 75th meridian time, a check mark will be made on Form No. 1017 or No. 1028 to show the exact time of observation. The record for that hour as entered on the face of the above forms will include the amount between the check and the end of the hour, but under head of precipitation at time of the a. m. and p. m. observations on the above forms, as also similar headings on Forms No. 1001, No. 1014, and No. 1083, the entries will show the amounts recorded at the time the measurements were made.

111. Precipitation from fog, dew, or frost will not be recorded in this form. Absence of precipitation will be indicated by the figure zero (0).

112. All beginnings and endings of precipitation will be entered in chronological order on the dates on which they occur, beginning at the left-hand column. Only one entry will be made in each column when there are not more than four showers. A. m. and p. m. will be entered as "a" and "p," respectively. When time of beginning and ending is unknown it will be recorded as D. N. a. or D. N. p. (during night).

113. The depth of snowfall (maximum depth, less amount, if any, on ground before the period) during the preceding twenty-four hours will be entered each day in the column headed "Unmelted ..... p. m. to ..... p. m.," on page 8. If there are several separate snowfalls within the 24-hour period, each one of which melts before the following one occurs, the total fall for the 24-hour period will be the sum of the maximum depths for each fall.

114. Less than 0.05 inch of unmelted snow, and all snow which melts as it falls, will be recorded as "T," and in the case of the latter a marginal note "Melted as it fell" will be entered.

115. The total depth of unmelted snow on the ground each day at 8 p. m., 75th meridian time, by actual measurement (the means of three measurements when the snow is drifted), will be entered in the column headed "On the ground at ..... p. m.," page 8.

116. All unmelted snowfall will be recorded to inches and tenths, except as indicated in paragraph 114.

117. Enter under "Amount of precipitation from melted snow (midnight to midnight)" on page 8 the amount of precipitation from melted snow (estimated if unknown). When it is estimated, a marginal note should be entered stating the fact.

118. Care should be taken in determining the character of precipitation when in the form of sleet or hail.

Hail and sleet will not be entered in the columns for unmelted snow.

WEATHER.

119. The state of the weather will be determined and recorded with reference to the degree of cloudiness, and whether or not precipitation is falling or likely to fall soon; thus when the sky is three-tenths or less covered with clouds, record "Clear"; four to seven tenths, inclusive, "Partly cloudy"; eight to ten tenths, "Cloudy"; and "Misting," "Sprinkling," "Light rain," "Heavy rain," "Light snow," "Heavy snow," "Sleeting," "Hailing," "Threatening," and "Clearing" when these conditions exist (see paragraphs 96 and 104). When two or more kinds of precipitation are occurring at the time of observation all will be entered under the "State of weather." When light fog, light haze, or light smoke is observed with no clouds, the state of weather will be recorded as "Clear."

120. When a thunderstorm is prevailing at the moment of observation, or the rain is still falling, although neither thunder has been heard nor lightning seen for one hour previous to the observation, the international symbol for thunderstorm will be entered after "State of weather."

FOOTINGS AND SUMMARY.

121. *a.* No data required.

b. Underscore in red ink maximum and minimum of the column.

c. Enter most frequent kind or direction, and when two or more directions or kinds are observed an equal number of times, all will be entered. Calm will not be considered in determining the most frequent direction. The most frequent kind and direction of clouds, page 9, will be determined by the record and noon observations.

Haze, fog, and smoke will always be considered in determining the most frequent kind of clouds; and the direction of fog and smoke will be considered in determining the prevailing direction of clouds, but the amount of fog or smoke will not be considered in the sums or averages.

f. On page 3, under "Fog," "Light," or "Dense," enter the time of beginning and ending on days when these conditions are observed at station, midnight to midnight, standard of time in local use. Enter on page 9 the dates of all days on which fog is observed. A dense fog is one that is dense enough to obscure objects at a distance of *one thousand feet.*

g. The monthly means of "Station pressure," "Reduced pressure," "Dew-point," "Humidity," "Vapor pressure," and "Temperature" (a. m. +p. m.÷2) will be obtained by adding the monthly means of the a. m. and p. m. observations and dividing the sums by 2. The "Monthly mean temperature" will be obtained by dividing the sum of the mean maximum and minimum temperatures by 2. The sea-level, 3,500-foot, and 10,000-foot temperatures will be obtained by applying the corrections in the table to the monthly temperature. The 3,500-foot and 10,000-foot pressures will be obtained by using the monthly temperature as the temperature argument and the corrected monthly station pressure as the pressure argument.

h. In determining the highest and lowest pressure for the month the barograph trace will be considered, and if any corrected barograph reading is lower or higher than the recorded station pressure for any regular or special observation, this reading will be entered under the heading "Station" on page 10, to three decimal places, the last decimal being zero. The corrected thermograph reading at the time of this barograph reading will be entered to whole numbers as the "Dry," and the reduced pressure determined according to the rule for special observations. The other entries should indicate the date and time of occurrence. The pressure values thus derived will be used in determining the highest and lowest for the month for entry on page 9. When the highest or lowest reduced pressure occurs on more than one date, carry the reduction to thousandths to determine the actual date.

i. The highest and lowest temperatures and the greatest and least daily ranges will be taken from page 8, but the dates on which they actually occurred (tenths considered) will be determined from pages 2 and 3. At stations supplied with thermographs, when the monthly maximum or minimum temperature is recorded the same on two or more dates on pages 2 and 3, the date of the highest or lowest temperature for the month will be determined by the thermograph trace, using the date on which the highest or lowest point is reached by the thermograph pen. When the greatest or least daily range of temperature occurs on two or more dates, as shown on pages 2 and 3, the date will be determined by referring to the thermograph trace.

j. The number of days with the maximum temperature 90° or above, 32° or below, and minimum temperature 32° or below, and zero or below, will be determined from the maximum and minimum thermometer readings as recorded to tenths. When the maximum or minimum temperature is taken from the thermograph it will be considered as whole degrees.

k. When on more than one date, both dates will be given.

l. (1) Precipitation will be considered excessive when it equals or exceeds 2.50 inches in twenty-four consecutive hours, or 1 inch in one hour. See also paragraph 200.

(2) In determining the duration of excessive precipitation of 2.50 inches in twenty-four hours at stations equipped with recording rain gages, the period of duration will begin with the first closing of the circuit and end with the last closing for each shower. All intervals between showers will be excluded. At stations not equipped with recording gages the period of duration will be the time precipitation actually occurred. The period may be extended beyond twenty-four hours as long as the rate of 2.50 inches in twenty-four hours continues.

(3) When the above data are compiled for publication the following footnote will be made: "The duration is the time precipitation was actually recorded."

(4) Excessive precipitation at the rate of 1 inch an hour will not be entered on Form No. 1001.—Met'l., unless 1 inch falls within one hour. If 1 inch is recorded in less than one hour that amount only will be taken, unless the rate of fall continues excessive (at the rate of 1 inch an hour or eight and one-third hundredths inch in five minutes), in which event the entire amount of precipitation at the excessive rate and the entire time at which the rate was excessive will be entered.

(5) After 1 inch has been recorded within one hour, if the rate ceases to be excessive for a short time and again becomes excessive, whether or not it extends beyond one hour, both amounts will be included, provided the amount for the last excessive period is sufficient to make it and the non-excessive interval, taken together, excessive.

(6) At the beginning or ending of excessive precipitation of 1 inch an hour no amount at less than that rate will be included unless required to make a total of 1 inch in an hour.

m. In computing the maximum precipitation in twenty-four hours and excessive precipitation data, the division of the months will be disregarded. The same data will not be included in the compilations for two months. When the record for the 1st of a month has been included in that for the preceding month, a note to that effect will be entered on page 9.

n. A day with hail is one on which a trace or more of hail fell.

o. To be taken from the sum of columns headed "Snowfall, unmelted, ... p. m. to ..... p. m.," page 8.

p. To be determined from page 6 or 13 at stations that prepare either or both pages and from the "Number of times observed from," as recorded in the summary, at stations that do not prepare page 6 or 13. If two or more directions are recorded an equal number of times, consider the adjacent directions in determining the prevailing direction for the month. Only one direction will be entered. When calm exceeds the prevailing direction, it will be entered immediately above the latter.

r. Enter but one maximum wind velocity, direction, and date.

t. The "Monthly mean cloudiness" will be the mean of the column "Average daily cloudiness," on page 4.

u. To include only days on which 0.01 inch or more of rain, melted snow, sleet, or hail fell.

v. A day with thunderstorm is one on which thunder is distinctly heard at the station, whether or not lightning is seen or rain falls at the station. (See par. 105.)

w. Stations having a recording rain gage will enter the maximum fall in five and ten minutes, etc., for the month, together with the date of occurrence.

RULE FOR DISPOSING OF DECIMALS.

122. In dropping decimals, if the figure to be dropped is greater than 5 (or 5 with a remainder) the preceding figure will be increased by 1. If the decimal figure to be dropped is 5 exactly, the preceding figure when odd will be increased by 1, and when even it will remain unchanged. If the figure to be dropped is less than 5, retain the preceding figure unchanged.

123. In computing the monthly means of barometer and vapor pressure the division will be carried to four decimal places, and the fourth decimal dropped in accordance with the preceding rule. In computing all means (except for barometer and vapor pressure) carry the division to two decimal places only, and dispose of the last decimal figure according to the preceding rule.

FROSTS.

124. The date of occurrence of each frost will be recorded throughout the year in California and Florida and along the immediate coast of the Gulf of Mexico. In the spring all frosts will be recorded, beginning March 1, in the portions of Washington and Oregon west of the Cascade Mountains.

125. In the spring in all sections, except those mentioned in paragraph 124, the date of occurrence of each frost will be recorded on and after the date that the daily normal temperature, as shown in Bulletin R, is 43°.

126. All frosts occurring at any station between May 1 and August 31 will be recorded.

127. During the autumn and winter frosts will not be recorded subsequent to the date on which the first killing frost occurs, except as specified in paragraph 124.

128. Frosts will be designated as "light," "heavy," or "killing." The term "light" signifies no destructive effect except to tender plants and vines; "heavy," a copious deposit of frost, but which does not kill the staple products of the locality, and "killing," frost that is destructive to vegetation and staple products.

129. The character of frost, whether light, heavy, or killing, must sometimes be determined by the phenomenon itself, rather than by its effect on vegetation and the staple crops, since the latter may have passed the stage where injury was possible.

MONTHLY METEOROLOGICAL NOTES.

130. Page 12 will contain an account of important atmospheric phenomena, not easily susceptible of tabulation, occurring at or in the vicinity of the station. Events will be described after the manner of a narrative, covering the entire period of occurrence, whether consisting of a fraction of a day or of a number of days.

131. An annual index will be prepared on the printed form provided for that purpose and will be submitted with the December Form No. 1001. Subjects will be indexed by month and date.

132. The meteorological notes will be written with a typewriter and the writing should be single spaced. If necessary, an additional sheet will be inserted. A press copy will not be made.

133. In the reporting of meteorological phenomena too much care can not be exercised to make the account explicit and to state accurately the time of occurrence. Very often the omission of a single detail detracts materially from the value of the report.

134. In describing weather conditions and phenomena midnight will be understood to refer to the end of the day and will receive the date thereof. Twelve o'clock midnight and twelve o'clock noon will be written thus, respectively: 12 midnight; 12 noon. Night will be referred to thus: "Night of the 3d–4th," and will cover the time from dark to daylight.

135. At stations on the lakes and navigable rivers the opening and closing of navigation, together with the name of the first vessel to arrive and the last to depart, should be recorded.

136. Whenever a killing frost occurs the "Met'l Notes" will contain a statement of the kinds of vegetation killed, the degree of maturity at the time of the frost, the estimated percentage of loss, and any other facts that favored the formation of frost, or that tended to increase the injury.

137. Especial care should be taken to note the *dates* of the occurrence of the first and last frost of each character in *the annual index of the Monthly Meteorological Notes*. If the dates of the first and last killing frost can not be determined the first day with the minimum temperature of 32°, or lower, in the autumn, and the last day with 32°, or lower, in the spring, *when precipitation did not occur* while the temperature of 32°, or lower, obtained, will be recorded, with an explanatory note as to the probable cause of the absence of frost on those dates.

138. *a*. A tornado is a violent local storm, in connection with which is usually noted a well-defined, pendant, funnel-shaped cloud, with attendant rotary winds, often of sufficient violence to prostrate buildings and uproot trees and leaving unmistakable evidence of rotary winds.

b. Whenever a tornado occurs within a radius of 25 miles from the station the official in charge will make diligent effort to obtain an accurate description of all meteorological elements accompanying the tornado. In gathering and preparing the data relative to a tornado, information on the following points is desirable:

c. The path of the tornado, with the location of buildings destroyed and the distribution of the débris on either side of the storm track. This should be shown by a map.

d. The name of the place and the date and hour of occurrence. If the tornado passed near a town the distance, and direction from, should be noted.

e. The appearance of the cloud; glow and funnel-shape; the color of cloud; the meeting of clouds; lightning, and whether seen to issue from the funnel cloud.

f. Character and amount of precipitation, including hail; size of hail.

g. Nature of attendant noises.

h. Direction of motion of storm.

i. Presence of a whirl, either as seen in a cloud or as evidenced by the distribution of the débris.

j. General direction in which trees or débris lay in the center line of greatest destruction, and on either side of this line.

k. Length of path and width at point of greatest destruction.

l. Number and names of persons killed.

139. Whenever damaging hail falls at or within 25 miles of the station, a report will be made in the "Met'l Notes," stating the size of the stones and the nature of the damage.

140. Various optical phenomena are constantly occurring in the atmosphere, and while they have no very important bearing upon the weather it is desirable to note their occurrence. Among these phenomena may be mentioned auroras; halos, solar and lunar; rainbows; coronas; parhelia; paraselenæ and mirages.

141. Auroral displays should be described, giving in all cases where practicable the time of beginning and ending and the altitude and azimuth of each extremity and of the crown of any arch of light that may be formed. Azimuths should be recorded as in astronomy, from the south point to the westward, passing successively through west, north, and east points of the compass until the starting point is reached.

142. In counting the number of auroral displays, those occurring on parts of two successive days will be counted as single displays, but in counting the dates of auroras, when they extend past 12 midnight, both dates will be counted.

143. Whenever a meteor is seen the "illumination" left by it should be carefully noted, both as to its appearance and the direction in which it apparently floats.

FORM No. 1002.

144. This form will be made out in duplicate at the end of the year on the current edition.

145. If the elevation of the anemometer, thermometer, or rain gage has been changed, that on December 31 must be given. The dates of changes and old elevations must be carefully recorded on the margin.

146. The sum of corrections and all changes in the same must be carefully noted under "Sum of barometer corrections," page 1, and the date and observation upon which it was first used.

147. When one or more observations have been missed, connect all data for less than a full month with a footnote, stating the length of time of the record.

148. The monthly mean pressure, dew-point, relative humidity, absolute range of pressure, and all other data, except as hereinafter provided for, will be taken from the summary of Form No. 1001 or the Climatological Record. The decimal in the case of the dew-point and relative humidity will be disposed of according to rule.

149. In the space for date of highest and lowest pressure and temperature for the year enter the month and day thereof, as "July 6." The mean daily range and mean daily change of temperature will be taken from the columns similarly headed on page 8, Form No. 1001.

150. The data to be entered in the columns headed " Total " and " Possible " will be taken from the sum of the columns similarly headed on page 4, Form No. 1001. The " Percentage " will be taken from the monthly percentage of " Total." Stations not supplied with a sunshine recorder will leave these columns blank.

151. At stations preparing page 13, the prevailing direction for the year will be determined by the direction having the greatest number of hours; at all other stations it will be determined from the sums of " Number of times observed blowing from the N., NE.," etc.

152. The mean hourly temperature and wind velocity will be taken from the mean values at the foot of pages 5 and 7, respectively, and the data for entry in columns headed " For the month " from the average hourly temperature and wind velocity, respectively. Data for less than one-half of a month will not be recorded, and in case the data for one or more months are missing the sums and means for the year will be omitted. All means will be obtained by dividing the sums of the respective columns by 12, and each mean will be recorded to the same number of decimal places as the data from which it is obtained are recorded.

153. Page 7, " Wind—number of miles and length of time from each direction," will be prepared at stations that tabulate these data.

FORM No. 1003.

154. The data to be entered on Form No. 1003 will be an exact copy of those in columns similarly headed on Form No. 1002. One copy will be forwarded to the Central Office with Form No. 1002. A retained copy need not be kept.

FORM No. 1014—DAILY LOCAL RECORD.

155. Time.—All entries will be on the standard of time in local use; this will be local mean time at the few places where such is in current use.

156. Enter against the heading " Temperature at the end of hour " the corrected thermograph readings, except whenever eye readings of the dry thermometer at exact hours are available they will be entered. The maximum and the minimum thermometer readings and the mean daily and normal temperatures will be entered on the right-hand side of the sheet, and these entries will correspond to those entered on page 8, Form No. 1001.

157. Under " State of weather " enter the nature of the precipitation, whether rain, hail, sleet, or snow, with the time of beginnings and endings. The character of precipitation may be indicated by a single letter; thus, for rain beginning at 9.15 a. m. the entry would be " R. B. 9.15 " in the column headed 9–10. The ending should be indicated in a similar manner in the proper hour column.

158. On the right-hand margin of the form, opposite the heading "Total depth of snow," etc., the total depth of snowfall for the twenty-four hours ending at the local standard time corresponding to 8 p. m., 75th meridian time, will be entered.

159. When necessary, additional data in regard to hail fall and sleet fall; and ground covering of hail, sleet, and ice will be entered.

160. The blank space on the form for the time will be filled up by entering the standard time in local use corresponding to 8 p. m., 75th meridian time. In the same manner the amount of snow on the ground at 8 p. m., 75th meridian time, will be entered.

161. In the spaces against the heading "Amount of precipitation " will be given the hourly amounts, when obtainable by self-register. Stations not supplied with self-registers will leave the spaces blank. On the right-hand margin space is provided for the entry of the total precipitation as measured at the 8 a. m. and 8 p. m. observations, 75th meridian time, except that the time will be given in the local standard in use at the station instead of 75th meridian.

162. The total precipitation, midnight to midnight, will also be entered in the space provided for it. At stations not provided with self-registers the amount will be estimated, and a note to that effect will be made.

163. In the spaces headed " Cloudiness and other conditions " the state of the weather will be indicated by the words " Clear," " Partly cloudy," " Cloudy," " Fog," etc., and the time that these conditions prevailed will be indicated by means of arrows and lines drawn through the hour spaces on both sides of the word and ending at the time when the conditions began and terminated. Moonlight should be observed and a symbol entered to indicate the phase of the moon on the date for the maximum of each phase. If the moon is obscured at intervals, either totally or partially, these facts should be noted. The " Character of the day " will be entered in the space provided for it.

164. The space headed " Sunshine " is intended to replace the entries which were formerly made on Form No. 1070, and the instructions which apply to page 4, Form No. 1001, will be followed in entering the data on this form.

165. In like manner the spaces for " Wind direction " and " Wind movement " will be prepared precisely as the similar columns on pages 6 and 7, Form No. 1001. The third space under wind, " Maximum velocities exceeding ..... miles," will contain a statement of the maximum hourly velocity and direction, together with the time the maximum occurred, as taken from Form No. 1017, or No. 1015, whenever the wind exceeds a certain limit. This limit will be fixed by officials in charge of stations. In general, maximum velocities below 25 miles will not be entered unless there is a demand for them at the station. Officials in charge will aim to enter only those maximum velocities which may be of importance to the public interests at the station.

166. Space has been provided for use in entering excessive precipitation data. Against the right-hand margin of this space relative humidity, reduced barometer, and river readings should be entered.

167. Copies of the barograph and thermograph traces, including the red-ink corrections entered on the original trace, will be made on the diagrams at the foot of the page.

168. The space provided for notes will be used whenever the instrumental readings do not clearly express the weather conditions of the day. Under this head a description should be given of all severe storms, cold waves, frosts, or any abnormal condition that may prevail, together with the time of receipt and the time of hoisting and lowering of warnings of all kinds. The Daily Local Record should contain a complete history of the weather of the day and be carefully verified. It will be retained at the station, and a copy will not be furnished to the Central Office. It should be made in record ink.

169. All special features will be indexed.

FORMS No. 1015, No. 1017, AND No. 1028.

170. Enter in the lower right-hand corner of each sheet the meridian of time on which the record is made, as 75th meridian time, 90th meridian time.

171. Incomplete Records.—Observers will examine the registers each morning immediately upon arriving at the office to see whether or not they are working properly. If the anemometer is out of order a dial reading will be made at once and entered on the sheet, together with the time at which it was made.

172. Dial readings will also be made at each regular observation and at each noon during the incomplete record and when the record is started and entered on Form No. 1015 or No. 1017. The data will be interpolated when the loss of record is less than twenty-four hours. Short breaks in the record when the self-register fails to work may be estimated when the observer believes he can approximate what the record would have been. In all such cases an explanatory note will be entered on all forms where the data are used.

173. In case of loss of record for a period of twenty-four hours or more, blank sheets for the period containing the name of the station, dates, and such data as can be obtained will be prepared and forwarded with the regular monthly package.

174. Whenever the instrument has not been running on correct time a note should be made to indicate the true time of the record.

175. The total movement of the wind for each six hours and for the day will be entered on the left-hand margin in the proper spaces.

176. Current Velocity, How Obtained from Register.—To obtain the current velocity from the anemometer record, take the number of spaces and parts of spaces between the mile marks recorded in the five minutes preceding the moment considered and multiply the result by 12, except when the wind has blown at the rate of less than 12 miles an hour, when the velocity will be determined as shown by the second example below.

First example: Suppose the number of spaces indicating mile marks between 7.40 p. m. and 7.45 p. m., 75th meridian time, was $1\frac{1}{4}$, then the velocity of the wind to be recorded at the p. m. observation is $1\frac{1}{4}\times12=15$ miles per hour.

Second example: If the interval between the last two mile marks is seven minutes, then the current hourly velocity will be obtained by dividing 60 by $7=8\frac{4}{7}$ miles, recorded as 9 miles.

177. Maximum Velocity, How Obtained from Register.—The maximum velocity of wind will be obtained by considering the number of spaces and fractions thereof between the mile marks in the five minutes where the velocity is the greatest and multiplying the result by 12; the product will be the maximum velocity.

If the shortest space between two mile marks in the period covers more than five minutes of time, then the elapsed time for said space will be the basis of the calculation. Example: If the shortest space between two mile marks is thirteen minutes, then the maximum velocity is $60\div13=4.6$ miles per hour, which will be recorded on Form No. 1001 as 5 miles.

178. The extreme velocity each day (from midnight to midnight) will be ascertained with reference to the mile of wind recorded in the shortest time, thus: Find the two marks nearest each other on the anemometer sheet, calculate accurately the amount of time between these two marks (from beginning to beginning or from ending to ending), divide 60 by this amount, and the quotient will be the extreme velocity. Example: The space of time between two marks nearest each other is two minutes; $60\div2=30$, therefore 30 miles is the extreme velocity for the day.

When the maximum velocity is 12 miles per hour, or less, the extreme daily velocity for the same period of time should be the same; if more than 12 miles, the extreme velocity can be greater.

179. For convenience and accuracy in determining the velocity of the wind a scale has been prepared and furnished to each station with which the velocities may be read direct from Form No. 1017—Met'l without computation. This scale consists of a series of subdivisions equal in length to the intervals between the mile marks on the record sheet for all velocities from 5 to 39, and for every even mile from 40 to 78 miles per hour. To determine the velocity find the portion of the scale where the subdivisions correspond to the mile marks on the sheet. If the mile marks correspond with the smallest subdivisions, the velocity is shown by the first row of figures on the scale. If the mile marks correspond to 2, 4, or 8 of the subdivisions, the velocity is shown by the second, third, or fourth row of figures. When measuring maximum or current velocities for which a whole number of miles is not recorded in five minutes, it will be necessary to estimate the proportional part of a mile required to complete the five-minute period.

180. Maximum Velocities Entered on Wind Sheets.—The maximum wind velocity (for any five minutes) for the day, midnight to midnight, standard of time in local use, and the maximum velocity, when entered on pages 2 and 3, Form No. 1001—Met'l, will be entered in ink on Forms No. 1015 and No. 1017—Met'l immediately above the record as shown by the self-register. Care will be taken not to obliterate any record, and the word maximum will be abbreviated, thus: Max. 25.

181. Current Wind Velocity, How Obtained from Dial.—Make two readings of the outer dial with an interval of five minutes between them. The difference between these readings will be the distance, in miles and tenths, traveled by the wind in that interval. This, multiplied by 12, will give the indicated velocity in miles per hour. Example: Suppose the index of the anemometer to be at 3.4 on the outer dial when the first reading is taken and at 4.1 five minutes after, the difference, 0.7 mile, is the distance traveled in that time; and this, multiplied by 12, gives a velocity of 8.4 miles per hour.

182. The total movement by register for any period will be obtained by counting the number of marks in the period.

183. Wind Movement from 12 Noon to 12 Noon by Dial, How to Obtain.—Subtract the reading of the anemometer dial at 12 noon of the preceding day from the reading taken at 12 noon of the current day; the difference will be the total movement. When the reading of the anemometer is less than the reading of the preceding day, 990 miles will be added to it, and the remainder, after subtracting the reading of the preceding day, will be the total movement. Example: The dial reading of to-day is 91, and that of yesterday was 950, hence we have $91+990=1{,}081$; $1{,}081-950=131$, the total movement of the wind in miles from noon to noon.

184. Velocity of Wind, Estimated.—Whenever instruments are not available for directly measuring the wind velocity it will be estimated by reference to the following scale:

Name.	Miles per hour.
Calm	0 to 5.
Light	6 to 15.
Moderate	16 to 25.
Brisk	26 to 35.
High	36 to 50.
Gale	51 to 65.
Hurricane	66 or more.

185. Dial Readings.—The reading of the anemometer dial made at 12 noon on the first day of each month and at 12 noon each Monday during the month will be recorded on the sheet just taken from the register. Only actual dial readings will be recorded.

186. The accuracy of the anemometer record for each month may be verified at the end of the month as follows: Ascertain the total wind movement by register from 12 noon of the first day of the month in question to 12 noon of the first day of the succeeding month; add to this the dial reading of the first day of the month being verified and divide the sum by 990; the remainder should equal the dial reading on the first day of the succeeding month.

Example.

Total movement, 12 midnight to 12 midnight	3, 283
Less twelve hours preceding 12 noon of the first day of month	70
	3, 213
12 midnight to 12 noon of first of succeeding month	22
Dial reading on first day of month	303
	990)3, 538(3
	2, 970
Dial reading on first day of succeeding month	568

187. Anemometers Changed.—When the anemometer is changed a note will be made on the lower margin of the anemometer record sheet, giving the date and the hour of the change and the dial reading of both old and new instruments. If changed at 12 noon both readings will be recorded on the sheet just taken from the register.

188. When an electric sunshine record is made the character of sunrise and sunset will be written, at the proper hours, on Form No. 1017.

189. When both sunshine and rain are recorded on the same sheet the portion representing rain will be clearly marked by brackets and such footnotes added as may be necessary to completely identify the records in case there is likely to be uncertainty.

190. Precipitation.—Whenever a station is equipped with a recording rain gage, that gage will be regarded as the station gage, and the measurements of the amounts of precipitation it collects will be the official measurements of the precipitation at the station.

191. Beginning and Ending of Precipitation.—The time of beginning and ending of precipitation will be recorded on the automatic record sheets (Forms No. 1017 and No. 1028) by direct and reverse check marks, thus (✓) (✓), accompanied by the letters B and E, respectively, said check marks being placed at the points corresponding in time on the sheet to the observed time of beginning or ending of precipitation, standard of time in local use. Whenever the time of beginning or ending is doubtful the entry will be accompanied by a query mark (?). When the recording gage is not in use in the winter the check marks indicating beginnings and endings should be omitted. Any information that will aid in determining the hourly amounts and rates of rainfall, when imperfectly recorded, should be given.

192. The characters B. D. N. or E. D. N. will be used to denote the beginning and ending of precipitation during the night, when the time is not known.

193. Whenever it becomes necessary to remove the recording gage to prevent injury from freezing (see paragraph 29, Circular E, Instrument Division), a note will be entered on page 9, Form No. 1001, giving the dates it was removed and again exposed. Stick measurements of the amount of precipitation collected in the snow gage will be made as instructed in paragraphs 108 and 109.

194. The precipitation collected in the tipping-bucket gage will be drawn off at each regular observation, the contents measured by stick in the measuring tube, and the amount recorded on Forms No. 1001 and No. 1017.

195. When the amounts by register and stick measurements at an observation differ by 10 per cent or more, a brief explanation of the probable cause of the discrepancy should be noted on the form upon which the disagreement appears.

196. At stations using the weighing gage the amount of precipitation at the regular a. m. and p. m. observations will, in general, be determined from the record sheet; but, in case of failure of the instrument to properly record, the amount of precipitation will be found by adjusting the sliding weight on the gage until equilibrium is established. The amount of precipitation is then shown by the scale reading, which will be taken to the nearest hundredth only. If a satisfactory scale reading can not be made for any reason the contents of the gage will be emptied into and measured in the tube of the standard 8-inch gage. The recording gage should then be set in operation as soon as practicable.

197. Whenever the weighing gage is emptied at any hour other than noon, the time of precipitation and the amount measured will be entered at the foot of the form. When the sheet is removed the actual amount of precipitation will be entered in the space at the foot of the form, and the trace lines for each twelve hours will be dated at the beginning and ending of the line.

198. The hourly amounts of precipitation will be entered in red ink, near the middle of the hour period, on Form No. 1017 or No. 1028, whichever is used for obtaining the instrumental record; for example, the amount during the hour from 1 to 2 p. m. will be entered near the 1.30 p. m. line on the sheet. In case of precipitation only partly recorded the hourly amounts for the period during which the record was defective will be estimated, if sufficient data are available, otherwise they will be omitted.

199. The totals of the hourly precipitation must in every case equal the total precipitation by stick measurement.

200. In tabulating excessive precipitation data from Forms No. 1017 and No. 1028 for storms in which the rate of fall equals or exceeds the limits shown in the following table, the accumulated amounts for each successive interval of five, ten, fifteen minutes, etc., during which the precipitation continues at an excessive rate will be entered in the table provided for that purpose in the summary, Form No. 1001. Under head "Total duration"

will be entered the beginning and ending of precipitation; under "Excessive rate" will be entered the time precipitation began to fall at an excessive rate and the time the precipitation fell below that rate. This, however, must not be construed to mean that short periods during the progress of a storm where the rate falls temporarily below the excessive rate shall be excluded. When the rate falls below the lowest limit, 0.05 inch in five minutes, for a period of thirty minutes or more, the succeeding excessive precipitation will be tabulated separately. Under the heading "Accumulated depths of precipitation," etc., will be entered the accumulated amounts for the respective periods, all periods beginning at the same point of time, which should be identical with that given under "Excessive rate, began—." The tabulation will be continued so long as the excessive rate, as indicated above, continues. When the excessive rate extends beyond one hundred and twenty minutes the tabulation will be made for each fifty minutes separately so long as the excessive rate continues.

Example.

Excessive rate.		Amount before excessive began.	Accumulated depths during excessive rate for consecutive periods of time indicated below.									
Began—	Ended—		5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.
7.01 a. m.	7.51 a. m.	2.66	0.08	0.25	0.38	0.52	0.77	0.88	0.92	1.28	1.42	1.80
7.51 a. m.	8.41 a. m.	--------	*2.05	2.24	2.42	2.61	2.82	2.86	2.91	2.94	3.10	3.30
8.41 a. m.	9.31 a. m.	--------	*3.53	3.61	3.78	3.92	4.19	4.29	4.35	4.45	4.64	4.70

* Continued from line above.

Table showing limits at which precipitation may be considered as excessive.

Duration in minutes.	Depth of precipitation in inches.	Duration in minutes.	Depth of precipitation in inches.
5	0.25	35	0.55
10	0.30	40	0.60
15	0.35	45	0.65
20	0.40	50	0.70
25	0.45	60	0.80
30	0.50		

201. Storms in which the amount of fall does not equal that given above for any of the periods of time will not be tabulated.

202. In the case of the records from the tipping-bucket gage it must be remembered that in addition to accidental errors due to defective action of the recording mechanisms, there will also frequently be found a discrepancy between the recorded and measured amounts which is apt to increase with the rate of rainfall and varies slightly with different gages, and even with the same gage under different circumstances, as regards cleanliness, moisture, etc. The observer must, therefore, apportion the corrections with reference to different rates of rainfall, remembering that hours of heavy rainfall should receive greater corrections than hours in which the rainfall is at a slower rate.

203. In general, the method of apportionment illustrated in the following examples will be employed in correcting the automatic records for discrepancies referred to above.

204. Example 1.—The recorded amount of precipitation is 1.14 and the amount of stick measurement 1.23, showing a deficiency in the recorded amount of 0.09. This amount must be added to the record; that is, at the rate of 1 tip for each 12 tips recorded ($1.14 \div 0.09 = 12$; dropping all fractions).

205. Example 2.—The recorded amount is 0.86 and the measured amount 0.80, showing an excess in the recorded amount of 0.06. One tip must, therefore, be stricken out in each group of 14 recorded tips ($0.86 \div 0.06 = 14$).

206. In performing the divisions indicated in these examples the observer will always drop all fractions.

207. In many cases the exact point at which a tip is added or stricken out is not of great importance, but, in general, these corrections should be made at those portions of the record showing a noticeably rapid rate.

208. The points at which tips are stricken out in accordance with the foregoing instructions will be indicated on the record sheet by a small cross mark ($\times$) in red ink, and the points where tips are added by a caret ($\wedge$) immediately underneath the point; such marks will not be used for any other purpose on the rain-gage record sheets.

209. Stick Measurements.—At noon after each precipitation the water in the weighing gage will be carefully poured into and measured in the measuring tube of the extra gage. If the gage is recording properly, and upon inspection or test is found to be properly balanced, no stick measurements will be made at the time of taking the observation, but the amount of precipitation will be read off from the scale on the gage and recorded on Form No. 1001. If the gage is not recording properly the amount at each observation will be ascertained by stick measurement, and these values entered on Forms No. 1028 and No. 1001 at each regular observation. Since this gage is generally not emptied at the time of taking an observation, it will rarely occur that the scale reading of the gage will directly give the twelve-hour rainfall called for on Form No. 1001. At the a. m. observation it will be necessary to deduct the scale reading at the last p. m. observation, and at the p. m. observation it will frequently be necessary to add to the scale reading a quantity representing the amount of precipitation that fell between the a. m. observation and the time the gage was emptied at midday. Observers are cautioned against errors in making these entries on Form No. 1001.

RECORDS FROM BAROGRAPHS AND THERMOGRAPHS.

210. Sheets.—Barograph and thermograph sheets will each be clearly marked on the face of the sheet with the name of the station, time on which the records are made (as 75th meridian, 90th meridian, local time, etc.), and date, each day's record being dated as near the noon line for that day as practicable.

211. Clocks.—Every effort should be made to properly regulate the clocks to correctly keep time, winding them once a week, or oftener if necessary. The instruments should be inspected each day by the observer and properly adjusted by him when necessary. Whenever they are adjusted a marginal note, stating the fact, will be connected with the proper hour.

212. At the time of adjusting the barograph or thermograph pen, and when changing the record sheet, which will be at an exact hour, standard of time in local use, a reading of the station barometer (or dry thermometer) will be made and entered on the trace sheet. The corrections necessary to

reduce the register to the standard at the time of changing the sheet and adjusting the pen, and for all regular and special observations, will be entered on the trace sheets in red ink. The barograph trace should be corrected to agree with the station pressure. When the pen is set higher or lower there will be two corrections, one to apply to the preceding record and one to the following record. The correction to be used for other hours will be determined from the correction card by use of a pin or pins, as explained in paragraphs 216 to 219.

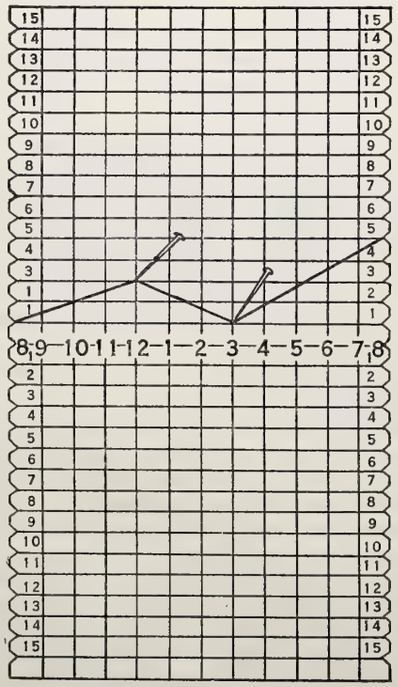
When the pressure or temperature at any particular station is such that the record might pass off the edge of the sheet or not be at all included in the rulings, observers will change the numbering of the lines by some convenient whole number and adjust the pen of the instrument accordingly.

213. Thermograph Time Error.—At the time of taking the a. m. observation the observer will carefully touch with a lead pencil the lever projecting from the thermograph bulb, so as to cause the pen to make a short vertical mark on the sheet. A note will be made on the first sheet for each month stating the time at which the pen is regularly touched. If it is touched more than five minutes from the regular time a note will be entered stating the exact time the mark was made.

214. Barograph Time Error.—The barograph pen should be touched at 12 noon, local standard time; if not touched within five minutes of that time a note will be entered giving the exact time the mark was made.

215. When the instrument is not running on correct time, this will be considered in taking off the data, so that it will be in true standard of time in local use.

216. Correction Card, How Used.—Ascertain the difference between the thermograph reading and the dry bulb thermometer reading at any regular observation under consideration; then set the rubber band on the card in a notch at the left-hand edge corresponding to this difference. If this difference, or correction, must be added to the thermograph reading to make it agree with the dry bulb reading, then the band must be set above the middle line, or, if the difference must be subtracted, set the band below. In a similar manner set the band in a notch at the right-hand edge of the card corresponding to the difference between the thermograph reading and the dry bulb thermometer reading at the next regular observation. The hours on the correction card should be renumbered to agree with the meridian of time in use.



Thermograph correction card.

217. The thermograph correction at any hour between the regular observations is the distance above or below the middle line of the point at which the band crosses that particular hour line.

Example.

Difference at first 8 o'clock observation: +2 (band above middle line).
Difference at next 8 o'clock observation: —3 (band below middle line).

Hourly correction taken to the nearest unit.

9	10	11	12	1	2	3	4	5	6	7
+2	+1	+1	0	0	0	—1	—1	—2	—2	—3

This card also will be used in a similar manner for correcting barograph readings.

218. Eye readings of the thermometer and barometer at exact hours, as provided for in paragraph 212, should be used to check and correct the corresponding recording instruments. If the correction at 12 o'clock, for example, was +3, and at 3 o'clock +1, then if pins be stuck in the card at these points the rubber band may be deflected in the manner shown in the figure, and a complete series of corrections for the twelve-hour period from 8 a. m. to 8 p. m., 75th meridian time, determined.

219. The readings of the maximum and minimum thermometers at 8 a. m. and at 8 p. m., 75th meridian time, should also be used in connection with the 8 a. m. and 8 p. m., 75th meridian time, and all other readings of the dry thermometer, in order to determine the corrections to be applied to the thermograph trace throughout the 24 hours.

220. These corrections will also be entered on the trace sheets and on the copy of the trace on Form 1014, and will not be accompanied by explanatory phrases such as "correction at time of max.," "correction at time of min.," "correction at 8 a. m.," etc., as these unnecessary entries confuse the records.

221. The corrections thus determined should also be entered in red ink on page 5, Form No. 1001, at the time the dry thermometer was read, or at the hour nearest the time of occurrence of the extremes, as shown by the trace sheet, giving the preference to the previous hour whenever there is uncertainty as to which hour is nearest the time of maximum or minimum, as the case may be.

222. When the maximum or minimum temperature occurs exactly at 8 a. m. or 8 p. m., 75th meridian time, the thermograph correction for that hour will be determined from the reading of the dry thermometer only.

FORM No. 1030.

223. The mean temperature for the month will be obtained by dividing the sum of the mean maximum and mean minimum by 2 and will be entered at the foot of the column headed "Mean."

224. The pressure and precipitation will be recorded to hundredths: temperature to nearest whole degree, except in case of the monthly means at the foot of the first three columns, normal for this month, and the average daily excess or deficiency, which will be carried to tenths. The accumulated excess or deficiency since January 1 will be the same as that recorded on page 8, Form No. 1001.

225. The average daily excess or deficiency since January 1 will be obtained by dividing the accumulated amount on the date desired by the number of days since January 1, viz, if the accumulated excess on February 28 is 51, divide it by 59, the number of days since January 1, which gives +0.9 for the average daily excess.

226. When four copies or less are issued the form may be prepared by using carbon paper and a hard lead pencil. At stations possessing the necessary printing facilities the information may be published on blank sheets not larger than the standard form, or on cards not larger than one fold (one-fourth part) of the form; but no data called for by the standard form should be omitted, and the designation " Form No. 1030—Met'l " should appear at the top of the sheet or card and on the briefing fold of the sheet. A copy will be furnished each of the local papers and to such persons as are authorized; one copy will be forwarded to the Central Office also on the first day of the succeeding month.

227. When used for the Pacific Coast the average and excess or deficiency of precipitation will be computed from September 1.

228. A blank column has been provided for sunshine, snowfall, or such other data as may be desired.

229. The regular data called for on Form 1030—Met'l, will be prepared as formerly, but where special tables or other data involving time, as hourly values of temperature, precipitation, and the beginnings and endings of precipitation, etc., are published, they should appear in " local standard time " throughout the year.

FORM No. 1083.

230. Form No. 1083 will be carried when taking an observation and the data entered immediately thereon.

Form No. 1001—Met'l.

U. S. DEPARTMENT OF AGRICULTURE,

WEATHER BUREAU.

ORIGINAL MONTHLY RECORD

OF

OBSERVATIONS

AT

Fort Wayne, Ind.

For the Month of January, *1920.*

*Station is supplied with a barograph, thermograph, sunshine recorder, and self-recording rain gage.

†No. of dry thermometer in use, _____; No. of wet thermometer in use, _____; No. of maximum thermometer in use, _____; No. of minimum thermometer in use, _____

†Elevation above ground of the dry thermometer, _____ feet; rain gage, _____ feet; anemometer, _____ feet.

If the office has been moved during the month, give date —; amount of change in height of barometer, — feet (higher or lower).

No. of extra barometer, 675; sum of corrections, .017; date and observation upon which use of station barometer commenced, May 20, 1911 7 a. m., station elevation, 856 feet; actual elevation, 856 feet.

Location of office: Number Corner of Berry & Calhoun streets, rooms 911-912; first observation taken in present office, 7:00 a. m. May 20, 1911

*Cancel words that are not appropriate. †To be entered only in December unless changes are made during the year. Changes made during the year will be noted in the appropriate months. 8—152

ORIGINAL MONTHLY RECORD OF OBSERVATIONS at Fort Wayne, Ind., for the Month of January, 1920.

Number of Station barometer, 656; sum of corrections, −.009 inch.

OBSERVATIONS AT 8 A. M. 75TH MERIDIAN TIME, WHICH CORRESPONDS TO 7:00 A. M. 90° MERIDIAN TIME, THE STANDARD OF TIME IN LOCAL USE; 7:19 A. M. LOCAL MEAN TIME.

Date.	Barometer. Attached thermometer.	Barometer. Observed reading.	Barometer. Total correction.	Barometer. Station. (Observed reading plus total cor.) (b)	Barometer. Reduced to sea-level. (b)	Thermometers. Dry. (b)	Thermometers. Wet. (b)	Dew-point. (b)	Relative humidity. (b)	Vapor pressure. (b)	Self-reg. ther's. Max. (b)	Self-reg. ther's. Min. (b)	Wind. Dir.	Wind. Velocity. (b) †	Wind. Max. during preceding 12 hours.	Wind. Dir.	Precipitation. Amt. at 8 a. m. (b) ††	Clouds. Amt.	Clouds. Kind.	Clouds. Dir. from.	State of Weather.		Initials of observer.	Date.
		In.		In.	In.	°	°	°	%	In.	°	°		Mi.	Mi.		In.							
1	61.5	29.023	.095	28.928	29.89	15.2	14.4	12	86	.070	35.4	15.2	W	18			T	10	St. Cu.	NW	Cloudy		P.McD.	1
2	58.0	29.178	.086	29.092	30.07	1.9	1.3	−2	82	.034	7.8	0.0	W	15			0	0	0	0	Clear		P.McD.	2
3	58.0	29.440	.087	29.353	30.35	−1.2	−1.8	−5	79	.029	2.0	−2.8	SW	9			0	10	St Cu	SW	Cloudy		P.McD.	3
4	60.5	29.572	.094	29.478	30.46	11.0	10.1	6	81	.052	11.0	9.0	W	5			T	9	St Cu	W	Cloudy		P.McD.	4
5	65.5	29.748	.108	29.640	30.63	5.0	4.4	2	84	.042	14.2	5.0	SW	6			0	0	0	0	Clear		P.McD.	5
6	67.0	29.410	.111	29.299	30.26	24.0	21.8	17	72	.089	24.0	20.3	S	7			0	10	St Cu	S	Cloudy		P.McD.	6
7	69.0	29.210	.116	29.094	30.04	34.0	33.0	32	90	.180	34.0	31.2	SW	9			.01	10	Nb	SW	Lt. Rain		P.McD.	7
8	69.5	29.344	.117	29.227	30.17	30.2	28.0	24	76	.124	35.0	30.2	NW	4			0	10	St Cu	NW	Cloudy		P.McD.	8
9	68.5	29.057	.114	28.943	29.90	21.6	20.4	18	83	.093	28.0	20.5	N	10	25	N	.22	10	Nb	N	Lt. Snow		P.McD.	9
10	67.5	29.516	.113	29.403	30.37	19.8	18.4	15	79	.081	23.0	18.2	SW	11			0	8	St Cu	SW	Cloudy		P.McD.	10
11	62.5	29.420	.099	29.321	30.28	25.0	23.4	21	80	.108	25.0	23.7	W	8			T	10	St	W	Cloudy		P.McD.	11
12	63.5	29.435	.102	29.333	30.31	9.8	9.2	7	87	.034	25.0	9.4	SW	10			0	3	St	SW	Clear		P.McD.	12
13	61.0	29.043	.094	28.949	29.90	30.2	28.2	25	78	.130	36.0	30.2	W	16	31	SW	0	10	St Cu	W	Cloudy		P.McD.	13
14	60.0	29.356	.092	29.264	30.23	12.0	10.9	8	78	.057	24.0	12.0	W	13			T	8	St Cu	NW	Lt. Snow		P.McD.	14
15	65.0	29.212	.105	29.107	30.07	16.4	16.0	15	93	.081	19.4	15.6	NE	3			.05	10	St	NE	Cloudy		P.McD.	15
16	65.0	28.842	.104	28.738	29.70	15.0	14.0	11	82	.066	16.0	15.0	E	18			.08	10	Nb	E	Lt. Snow		P.McD.	16
17	63.5	29.046	.101	28.945	29.91	12.0	10.9	8	78	.057	17.0	6.8	W	5			T	10	St	W	Cloudy		P.McD.	17
18	56.0	29.360	.082	29.278	30.26	2.2	1.8	0	88	.038	13.8	1.6	W	16			T	10	St	W	Cloudy		P.McD.	18
19	60.5	28.980	.093	28.887	29.86	19.4	18.0	14	78	.077	19.4	9.3	SE	3			.16	10	St	SE	Cloudy		P.McD.	19
20	65.0	29.162	.105	29.057	30.03	11.3	10.1	6	75	.052	13.4	10.0	E	10			0	10	St	E	Cloudy		P.McD.	20
21	65.0	29.503	.106	29.397	30.37	19.0	17.1	12	70	.070	27.3	19.0	NE	8			0	8	St Cu	NE	Cloudy		P.McD.	21
22	66.0	29.648	.109	29.539	30.52	5.6	5.0	3	85	.044	17.6	5.6	NE	15			0	1	St	NE	Clear		P.McD.	22
23	66.5	29.388	.110	29.278	30.25	18.0	17.1	14	86	.077	18.0	14.2	NE	13			T	10	Nb	NE	Lt. Snow		P.McD.	23
24	66.5	29.575	.110	29.465	30.43	17.2	16.4	14	87	.077	20.8	17.2	NE	16			.01	10	St	NE	Cloudy		P.McD.	24
25	65.0	29.871	.107	29.764	30.77	0.2	−1.0	−9	61	.023	11.8	−0.2	E	5			0	1	St	E	Clear		P.McD.	25
26	65.5	29.581	.107	29.474	30.46	1.8	1.0	−3	76	.032	9.2	0.6	E	3			0	0	0	0	Clear		P.McD.	26
27	65.0	29.392	.106	29.286	30.24	33.0	31.6	29	86	.157	33.2	29.0	W	9			0	10	St	NW	Cloudy		P.McD.	27
28	68.0	29.764	.115	29.649	30.63	11.3	10.1	6	75	.052	30.7	11.3	N	4			0	0	0	0	Clear		P.McD.	28
29	68.0	29.678	.115	29.563	30.54	12.0	11.2	9	84	.060	18.0	9.9	S	12			0	1	A St	NW	Clear		P.McD.	29
30	64.5	29.390	.105	29.285	30.24	29.2	27.2	24	78	.124	33.3	28.0	SW	7			0	0	0	0	Clear		P.McD.	30
31	65.0	29.856	.107	29.749	30.74	0.4	0.0	−3	87	.032	26.0	0.4	NE	18	27	NE	0	1	St.	NE	Clear		P.McD.	31
Sums		(a)	(a)	907.785	927.88	462.5	428.2	330	2504	2.262	(a)	(a)	(a)	304	(a)	(a)	.53	210	(a)	(a)	(a)		(a)	(a)
Means		(a)	(a)	29.283	30.254	14.9	13.8	10.6	80.8	.073	(a)	(a)	(c) W	9.8	(a)	(a)	(a)	6.8	U a.sc. L St.	U NW L NE	(a)		(a)	(a)

Reference letters in this form refer to paragraph 121, "Instructions for Preparing Meteorological Forms."

† By dial when self-register is out of order. †† T indicates trace of precipitation. U, upper clouds. L, lower clouds.

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ORIGINAL MONTHLY RECORD OF OBSERVATIONS at Fort Wayne, Ind., for the Month of January, 1920

Number of Station barometer, 656; sum of corrections, −.009 inch.

OBSERVATIONS AT 8 P. M. 75TH MERIDIAN TIME, WHICH CORRESPONDS TO 7:00 P. M. 90TH MERIDIAN TIME, THE STANDARD OF TIME IN LOCAL USE; 2:19 P. M. LOCAL MEAN TIME.

Date.	Barometer. Attached thermometer.	Barometer. Observed reading.	Barometer. Total correction.	Barometer. Station. (Observed reading plus total cor.) (b)	Barometer. Reduced to sea-level. (b)	Thermometers. Dry. (b)	Thermometers. Wet. (b)	Dew-point. (b)	Relative humidity. (b)	Vapor pressure. (b)	Self-reg. ther's. Max. (b)	Self-reg. ther's. Min. (b)	Wind. Dir.	Wind. Velocity. (b) †	Wind. Max. during preceding 12 hours.	Wind. Dir.	Precipitation. Amt. at 8 p. m. (b) ††	Clouds. Amt.	Clouds. Kind.	Clouds. Dir. from.	State of Weather.	Fog, Mid. to Mid. (local standard time). Light. (f)	Fog, Mid. to Mid. Dense. (f)	Initials of observer.	Date.
		In.		In.	In.	°	°	°	%	In.	°	°		Mi.	Mi.		In.								
1	58.0	29.222	.086	29.136	30.11	7.8	6.6	1	72	.040	15.2	7.8	W	18	28	W	0	0	0	0	Clear			P.M.D.	1
2	61.5	29.459	.097	29.362	30.36	2.0	0.0	−14	41	.018	4.8	0.4	W	12	32	W	0	3	Cu	NW	Clear			C.C.S.	2
3	67.0	29.439	.111	29.328	30.32	10.0	9.0	5	79	.049	10.0	−1.2	SW	7			.01	10	Nb	SW	Lt. Snow			C.C.S.	3
4	67.0	29.728	.112	29.616	30.60	14.2	12.8	8	74	.057	18.3	10.7	W	6			T	8	StCu	NW	Cloudy			P.M.D.	4
5	71.0	29.612	.122	29.490	30.47	22.3	19.0	10	55	.063	25.6	5.0	SW	8			0	5 / 1	C.St / Cu	W / W	Pt. Cloudy			C.C.S.	5
6	70.5	29.283	.120	29.163	30.11	32.6	28.6	22	61	.113	32.6	24.0	S	6			.01	10	StCu	S	Cloudy	B 8500 E 10000		C.C.S.	6
7	71.0	29.327	.121	29.206	30.15	35.0	33.0	30	82	.164	35.6	34.0	W	6			T	10	St	SW	Cloudy			C.C.S.	7
8	69.5	29.296	.117	29.179	30.13	28.0	25.0	19	66	.098	31.2	28.0	NE	12			T	10	Nb	NE	Lt. Snow			C.C.S.	8
9	70.5	29.407	.121	29.286	30.26	21.8	20.5	18	82	.093	26.0	21.6	SW	6			.05	8	St	W	Cloudy			C.C.S.	9
10	68.0	29.479	.114	29.365	30.33	25.0	23.5	21	81	.108	26.6	15.6	SW	14			0	8	St	SW	Cloudy			C.C.S.	10
11	66.6	[illegible]	.110	29.298	[illegible]	25.0	21.3	12	54	.070	32.0	25.0	SW	12			0	0	0	0	Clear			P.M.D.	11
12	67.0	29.057	.110	28.947	29.91	32.0	28.0	21	60	.108	32.0	9.8	SW	26	28	SW	0	6	St	SW	Pt. Cloudy			C.C.S.	12
13	67.5	29.212	.112	29.100	30.06	24.0	19.5	6	42	.052	31.1	24.0	W	18	28	W	0	0	0	0	Clear			C.C.S.	13
14	67.0	29.371	.111	29.260	30.24	19.4	17.8	13	75	.074	20.2	12.0	W	10			T	10	StCu	NW	Cloudy			C.C.S.	14
15	69.0	29.139	.116	29.023	29.99	16.0	14.7	10	78	.063	21.1	16.0	E	15			.05	10	Nb	E	Lt. Snow			C.C.S.	15
16	69.0	28.157	.114	28.643	29.59	16.6	16.0	15	90	.08	16.6	15.0	NW	6			.04	10	Nb	NW	Lt. Snow			C.C.S.	16
17	65.0	29.222	.105	29.117	30.09	13.8	12.0	6	67	.052	18.8	12.0	W	17			.01	10	St	W	Cloudy			C.C.S.	17
18	60.6	29.386	.093	29.293	30.28	9.8	8.2	1	66	.040	11.0	2.2	SW	8			0	10	StCu	SW	Cloudy			P.M.D.	18
19	69.5	29.403	.118	29.285	30.26	13.4	12.0	7	73	.054	14.8	13.4	NE	8			0	10	St	W	Cloudy			C.C.S.	19
20	69.5	29.161	.117	29.044	30.00	27.3	26.4	25	89	.130	31.0	11.3	W	12			.01	10	St	W	Cloudy			C.C.S.	20
21	72.0	29.682	.126	[illegible]	[illegible]	17.6	16.0	12	75	[illegible]	22.0	15.6	NE	12			0	0	0	0	Clear			C.C.S.	21
22	74.0	29.547	.130	29.419	30.40	18.0	15.8	9	65	.060	22.2	5.6	NE	15			0	0	0	0	Clear			C.C.S.	22
23	70.5	29.372	.120	29.252	30.22	20.8	20.0	18	89	.093	22.0	18.0	NE	15	26	NE	.19	10	Nb	NE	Lt. Snow			C.C.S.	23
24	71.0	29.779	.123	29.656	30.65	11.8	10.4	6	72	.052	18.6	11.8	N	8			0	1	ASt	N	Clear			C.C.S.	24
25	70.0	29.826	.120	29.706	30.72	9.2	7.8	1	69	.040	12.1	−1.0	NE	9			0	0	0	0	Clear			P.M.D.	25
26	69.5	29.360	.117	29.243	30.21	33.2	31.0	28	79	.150	38.1	1.8	SW	14			0	2	ASt	NW	Clear			[illegible]	26
27	70.5	29.550	[illegible]	29.428	[illegible]	30.9	28.7	26	79	[illegible]	36.1	30.9	[illegible]	12			T	10	St	NW	[illegible]			[illegible]	27
28	73.0	29.823	.128	29.695	35.69	18.0	16.2	11	72	[illegible]	20.3	14.2	[illegible]	[illegible]			0	0	0	0	Clear			[illegible]	28
29	72.0	29.460	.125	29.335	30.30	33.3	29.8	24	66	.124	37.6	12.0	SW	12			0	0	0	0	Clear			C.D.S.	29
30	73.0	29.616	.127	29.489	30.45	26.0	23.5	18	69	.093	37.7	26.0	NE	24			0	10	St	NE	Cloudy			P.M.D.	30
31	71.0	29.762	.123	29.639	30.64	6.0	5.2	1	80	.040	11.0	0.0	NE	15	25	NE	0	0	0	0	Clear			P.M.D.	31
Sums		(a)	(a)	908.560	938.72	620.8	558.5	390	2202	2.457	(a)	(a)	(a)	368	(a)	(a)	.037	182	(a)	(a)	(a)			(a)	(a)
Means		(a)	(a)	29.308	30.281	20.0	18.0	12.6	[illegible]	.079	(a)	(a)	(c) SW	11.9	(a)	(a)	(a)	5.9	U ASt L St.	U -N-W-NW L -SW-W-	(a)	(a)	(a)	(a)	(a)

Observations are begun about 7.40 o'clock, 75th meridian time.

† By dial when self-register is out of order. †† T indicates trace of precipitation. U, upper clouds. L, lower clouds.

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ORIGINAL MONTHLY RECORD OF OBSERVATIONS at Fort Wayne, Ind., for the Month of January, 1920

Date.	Temperature. Maximum. (b)	Minimum. (b)	Range. (b)	Change. (b)	Mean (max. and min.). (b)	Normal.	Departure.	Total excess or deficiency since 1st of month.	Precipitation. Character. ‡	Beginning.	Ending.	Character. ‡	Beginning.	Ending.	Character. ‡	Beginning.	Ending.	Character. ‡	Beginning.	Ending.	Total (mid. to mid.). (b) ††	Normal.	Departure.	Total excess or deficiency since 1st of month.	Hail and sleet unmelted. 7 p.m. to 7 p.m. *‡‡	Snow unmelted. 7 p.m. to 7 p.m. *‡‡	Hail, sleet, and snow on ground at 7 p.m. *‡‡	Amount of precipitation from melted snow (mid. to mid.).	Date.
	°	°	°	°	°																In.				In.	In.	In.	In.	
THURSDAY 1	31	6	25	16	18				Sm	---	D.N.a										T				0	T	0	T	1
2	6	-2	8	16	2																0				0	0	0	0	2
3	10	-3	13	2	4				Sd	8:50a	DNP										.01				0	0.2	T	.01	3
4	18	9	9	10	14				Sd	12:15p	1:30p										T				0	1	T	T	4
5	26	5	21	2	16																0				0	0	T	0	5
6	33	21	12	11	27				Sd	10:00a	5:30p	R	7:05p	9:00p	R	10:00p	—				.01				0	0.1	0.1	.01	6
7	36	31	5	7	34				R	—	9:50a										.01				0	0	T	0	7
8	34	23	11	6	28				Sd	6:10p	—										.09				0	T	T	.09	8
9	26	20	6	5	23				Sd	—	2:27p										.18				0	5.5	5.5	.18	9
10	27	16	11	1	22																0				0	0	5.2	0	10
11	32	20	12	4	26				Sd	1:00a	2:00a										T				0	T	4.9	T	11
12	36	9	27	4	22																0				0	0	4.0	0	12
13	36	18	18	5	27																0				0	0	3.0	0	13
14	20	12	8	11	16				Sd	DNA	2:20p										T				0	T	3.0	T	14
15	21	16	5	2	18				Sd	DNA	DNA	Sd	3:27p	—							.14				0	2.0	5.0	.14	15
16	17	11	6	4	14				Sd	—	DNP										.08				0	1.5	6.5	.08	16
17	19	7	12	1	13				Sd	8:25a	10:10a	Sd	12:30p	6:15p	Sd	9:50p	DNP				.01				0	0.2	6.7	.01	17
18	11	2	9	7	6				Sd	9:00p	—										.10				0	T	6.6	.10	18
19	25	10	15	12	18				Sd	—	DNA										.06				0	1.9	8.4	.06	19
20	31	10	21	2	20				R	12:40p	6:20p										.01				0	0	8.2	0	20
21	23	11	12	3	17																0				0	0	7.5	0	21
22	22	6	16	3	14																0				0	0	7.2	0	22
23	22	15	7	4	18				Sd	DNA	8:20p										.20				0	1.0	8.0	.20	23
24	20	4	16	6	12																0				0	0.1	7.8	0	24
25	12	-1	13	6	6																0				0	0	7.6	0	25
26	38	1	37	14	20																0				0	0	7.0	0	26
27	36	23	13	10	30				Sm	12:50p	1:45p										T				0	T	6.3	T	27
28	23	10	13	14	16																0				0	0	5.7	0	28
29	38	10	28	8	24																0				0	0	4.0	0	29
30	37	17	20	3	27																0				0	0	3.5	0	30
31	17	0	17	19	8																0				0	0	3.4	0	31
S	783	337	446	218	560		Total excess or deficiency since January 1,		(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	0.90		Total excess or deficiency since January 1,		0	12.5	(a)	(a)	(a)
M	25.3	10.9	14.4	7.0	18.1	(a)			(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)			(a)	(a)	(a)	(a)	(a)

All data are in the standard of time in local use. ‡ Use the following abbreviations: R—rain, Sd—dry snow, Sm—moist snow, H—hail, Sl—sleet. †† T indicates trace of precipitation. ‡‡ Enter the local standard time of observation. * Inches and tenths.

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SUMMARY FOR THE MONTH OF January, 1920

The 8 a.m. and 8 p.m. means of pressure, dry and wet thermometers, dew-point, humidity, vapor pressure, and mean cloudiness are in 75th meridian time. All other data are in the standard of time in local use.

PRESSURE.

(Correction to reduce to a 24-hour mean -.005.)

STATION. Mean 8 a.m.	Mean 8 p.m.	Mean Monthly. (g)	Highest. (h)	Date.	Lowest. (h)	Date.	Absolute range.	REDUCED. Mean 8 a.m.	Mean 8 p.m.	Mean Monthly. (g)	Highest. (h)	Date.	Lowest. (h)	Date.	Absolute range.
29.283	29.308	29.296	29.780	25	28.560	16	1.220	30.254	30.281	30.268	30.80	25	29.57	16	1.29
Corrected mean		29.291						Corrected mean		30.263	3,500-ft			10,000-ft	

TEMPERATURE.

Mean Dry 8 a.m.	Mean Dry 8 p.m.	Mean Dry (8+8)÷2 (g)	Mean Wet 8 a.m.	Mean Wet 8 p.m.	Mean Wet Monthly. (g)	Max.	Min.	Monthly. (g)	Sea-level. (g)	3,500-ft. (g)	10,000-ft. (g)	Highest. (i)	Date. (i)	Lowest. (i)	Date. (i)	Absolute range.	Greatest daily range. (i)	Date. (i)	Least daily range. (i)	Date. (i)
14.9	20.0	17.4	13.8	18.0	15.9	25.3	10.9	18.1				38	26	-3	3	41	37	26	5	7

Dew-point 8 a.m.	Dew-point 8 p.m.	Dew-point Monthly. (g)	Relative Humidity 8 a.m.	Relative Humidity 8 p.m.	Relative Humidity Monthly. (g)	Vapor Pressure 8 a.m.	Vapor Pressure 8 p.m.	Vapor Pressure Monthly. (g)
10.6	12.6	11.6	80.8	71.0	75.9	.073	.079	.076

Number of days with—(j) Maximum. 32° or below.	Maximum. 90° or above.	Minimum. 32° or below.	Minimum. Zero or below.
22	0	31	4

CLOUDS.

Most frequent clouds St.

Most frequent direction upper clouds ~~NW~~ W

Most frequent direction lower clouds ~~W~~ NW

WIND.

Total movement (mid. to mid.).	Average hourly velocity.	Prevailing direction. (p)	Maximum velocity. (r)	Direction. (r)	Date. (r)	N.	NE.	E.	SE.	S.	SW.	W.	NW.	Calm.
8422	11.3	W	32	W	2	4	14	6	1	3	15	17	2	0

WEATHER.

Mean Cloudiness 8 a.m.	8 p.m.	Monthly. (t)	Sunshine. Percentage of possible.	Number of Days. Clear.	Partly cloudy.	Cloudy.	Number of Days with Precipitation (Mid. to Mid.). Clear. (u)	Partly cloudy. (u)	Cloudy. (u)
6.8	5.9	5.8	41	13	4	14	0	1	11

MISCELLANEOUS PHENOMENA.

DATES OF—(MIDNIGHT TO MIDNIGHT).

Frosts. Light.	Heavy.	Killing.	Thunderstorms. (v)	Winds. (40 miles or over.)	Solar Halos.	Lunar Halos.	Fog. Light.	Dense.	Haze. Light.	Dense.	Smoke. Light.	Dense.	Hail.	Aurora.
—	—	—	0	0	2	0	6	0	0	0	0	0	0	0

PRECIPITATION (in inches and hundredths). (m)

Total amount.	Greatest amount in 24 consecutive hours. Amt.	Date. (k)	Excessive. 2.50 inches in 24 hours. (l) * Amt.	Duration. h. m.	Date. (k)	1 inch per hour. (l) Amt.	Duration. h. m.	Date. (k)	Number of days with—(Mid. to Mid.). Trace.	.01 or more.	.04 or more.	.25 or more.	1.00 or more.	Total.	Snow. Trace or more.	.01 or more melted.	Snow. Total depth. (o)	Average depth at end of month.
0.90	0.27	8-9	0			0			5	12	7	0	0	17	15	10	12.5	34

(w) Maximum precipitation in 5 minutes —, date —; 10 minutes —, date —; 15 minutes —, date —;

30 minutes —, date —; 1 hour —, date —; 2 hours —, date —.

EXCESSIVE.

Date.	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amt. before excessive began.	Accumulated depths during excessive rate for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Self-registering raingage not exposed during the month.																				

* The duration is the time precipitation was actually recorded.

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Prepared by _____ J. M. Donough, Meteorologist, Weather Bureau.

(9)

ORIGINAL MONTHLY RECORD OF OBSERVATIONS at Fort Wayne, Ind., for the Month of January, 1920.

Number of Station barometer, 656; sum of corrections, —.009 inch.

SPECIAL OBSERVATIONS.

Date.	Time. 75th mer.	Time. Local (standard).	Barometer. Attached thermometer.	Barometer. Observed reading.	Barometer. Total correction.	Barometer. Station. (Observed reading plus total cor.)	Barometer. Reduced to sea-level.	Thermometers. Dry.	Thermometers. Wet.	Dew-point.	Depression of the dew-point.	Relative humidity.	Maximum thermometer.	Wind. Direction.	Wind. Velocity. †	Wind. Max. since last observation.	Wind. Direction.	Precipitation. ††	Clouds. Amt.	Clouds. Kind.	Clouds. Dir. from.	State of Weather.	Special Phenomena.	Initials of Observer.	Date.
16"	1:00p	12 Noon	69.0	28.713	.114	28.599	29.55	15.3	14.4	12	3	84	15.3	NE	12			.03	10	Nb	NE	Lt. Snow	Ordered by C.O	CWS	16"
19"	1:00p	12 Noon	68.0	29.055	.112	28.943	29.90	24.0	22.0	18	6	74	24.8	NW	10			0	10	St	W	Cloudy	Ordered by C.O	CWS	19"
20"	1:00p	12 Noon	68.0	28.957	.112	28.845	29.81	22.8	22.0	21	2	89	23.8	NE	3			0	10	St	E	Cloudy	Ordered by C.O	CWS	20"
23"	1:00p	12 Noon	69.0	29.271	.116	29.155	30.12	22.0	21.0	19	3	86	22.0	NE	24	26	NE	.10	10	Nb	NE	Lt. Snow	Ordered by C.O	CWS	23"
16"	2:30 pm	1:30 pm				28.560	29.51	17.0																	16
25"	11:00 am	10:00 am				29.780	30.80	4.0																	25

If additional space is required, rule a sheet similar to this, and paste to this margin. † By dial when self-register is out of order. †† T indicates trace of precipitation.

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ORIGINAL MONTHLY RECORD OF OBSERVATIONS at ....., for the Month of ....., 192

Wind—Number of Miles and Length of Time From. (Standard of time in local use, ... meridian.)

DATE.	N.		NE.		E.		SE.		S.		SW.		W.		NW.		CALM.		TOTAL.	
	MILES.	HOURS.	MILES.	HOURS.	MILES.	HOURS.	MILES.	HOURS.	MILES.	HOURS.	MILES.	HOURS.	MILES.	HOURS.	MILES.	HOURS.	MILES.	HOURS.	MILES.	HOURS.
1																				
2																				
3																				
4																				
5																				
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26																				
27																				
28																				
29																				
30																				
31																				
SUM.																				
PERCENTAGE																			*a*	*a*
AVG. HOURLY VELOCITY		*a*		*a*		*a*		*a*		*a*		*a*		*a*		*a*		*a*		*a*

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Form No. 1001—Met'l.

U. S. DEPARTMENT OF AGRICULTURE,

WEATHER BUREAU.

ORIGINAL MONTHLY RECORD

OF

OBSERVATIONS

AT

Fort Wayne, Ind

For the Month of February, 192

*Station is supplied with a barograph, thermograph, sunshine recorder, and self-recording rain gage.

†No. of dry thermometer in use, ____; No. of wet thermometer in use, ____; No. of maximum thermometer in use, ____; No. of minimum thermometer in use, ____

†Elevation above ground of the dry thermometer, ____ feet; rain gage, ____ feet; anemometer, ____ feet.

If the office has been moved during the month, give date ____; amount of change in height of barometer, ____ feet (higher or lower).

No. of extra barometer, 675; sum of corrections, -.017; date and observation upon which use of station barometer commenced, May 20, 1911, 7:00 am, station elevation, 856 feet; actual elevation, 856 feet.

Location of office: Number Corner of Berry and Calhoun streets, rooms 911-912 Shoaff Bldg; first observation taken in present office, 7:00 a m. May 20, 1911

*Cancel words that are not appropriate. †To be entered only in December unless changes are made during the year. Changes made during the year will be noted in the appropriate months. 8—154

ORIGINAL MONTHLY RECORD OF OBSERVATIONS at Fort Wayne, Ind, for the Month of February, 1920

Number of Station barometer, 656; sum of corrections, -.009 inch.

OBSERVATIONS AT 8 A. M. 75TH MERIDIAN TIME, WHICH CORRESPONDS TO 7:00 A. M. 90th MERIDIAN TIME, THE STANDARD OF TIME IN LOCAL USE; 7:19 A. M. LOCAL MEAN TIME.

Date.	Barometer. Attached thermometer.	Barometer. Observed reading.	Barometer. Total correction.	Barometer. Station. (Observed reading plus total cor.) (b)	Barometer. Reduced to sea-level. (b)	Thermometers. Dry. (b)	Thermometers. Wet. (b)	Dew-point. (b)	Relative humidity. (b)	Vapor pressure. (b)	Self-reg. ther's. Max. (b)	Self-reg. ther's. Min. (b)	Wind. Dir.	Wind. Velocity. (b) †	Wind. Max. during preceding 12 hours.	Wind. Dir.	Precipitation. Amt. at 8 a. m. (b) ††	Clouds. Amt.	Clouds. Kind.	Clouds. Dir. from.	State of Weather.		Initials of observer.	Date.
		In.		In.	In.	°	°	°	%	In.	°	°		Mi.	Mi.		In.							
1	66.0	29.604	-.109	29.495	30.49	5.6	5.0	3	85	.044	6.0	4.0	E	5			0	3	St.	E	Clear		P.M.O.	1
2	64.5	29.555	-.105	29.450	30.41	35.4	33.4	30	82	.164	38.0	32.6	SW	# 12			0	6	St.	SW	Pt. Cloudy		P.M.O.	2
3	69.0	29.680	-.118	29.562	30.51	34.0	33.0	32	90	.180	45.8	34.0	NE	8			0	10	St.	NE	Cloudy		P.M.O.	3
4	67.0	29.700	-.112	29.588	30.56	20.8	20.2	18	91	.093	29.0	20.8	NE	17	31	NE	0	10	St.	NE	Cloudy		C.W.P.	4
5	70.0	29.570	-.119	29.451	30.42	22.0	21.5	20	93	.103	26.6	20.0	NE	11			T	10	St.	NE	Lt. Snow		C.W.P.	5
6	68.5	29.298	-.115	29.183	30.13	29.5	29.0	28	94	.150	30.7	28.2	NE	3			T	10	St.	NE	Cloudy		C.W.P.	6
7	71.0	29.130	-.121	29.009	29.96	32.0	30.9	30	89	.164	35.0	31.0	NW	6			.01	10	St.	NW	Cloudy		P.M.O.	7
8	71.0	29.380	-.122	29.258	30.21	32.4	31.4	30	90	.164	33.6	30.8	W	6			T	10	St.	W	Cloudy		P.M.O.	8
9	67.0	29.324	-.111	29.213	30.15	32.0	28.8	24	67	.124	35.4	30.6	S	6			0	10	St.	S	Cloudy		P.M.O.	9
10	63.0	29.014	-.099	28.915	29.87	28.0	26.0	22	77	.113	36.5	27.0	SW	10			.01	8	St. Cu.	W	Cloudy		[illegible]	10
11	65.5	29.078	-.106	28.972	29.93	23.0	20.9	16	72	.085	31.3	23.0	SW	5			0	3	St. Cu.	SW	Clear		P.M.O.	11
12	67.5	28.964	-.111	28.853	29.80	27.0	25.0	21	76	.108	37.2	27.0	NW	7			0	10	St.	NW	Cloudy		P.M.O.	12
13	72.5	29.004	-.124	28.880	29.83	27.8	25.7	22	76	.113	28.4	25.6	SW	3			0	10	St. Cu.	SW	Cloudy		P.M.O.	13
14	66.5	29.068	-.108	28.960	29.91	25.0	23.5	21	81	.108	38.2	25.0	W	13			T	10	St. Cu.	W	Cloudy		P.M.O.	14
15	60.0	29.200	-.092	29.108	30.09	-2.8	-3.2	-6	85	.028	10.0	-2.8	W	21			.01	1	St.	W	Clear		P.M.O.	15
16	53.0	29.308	-.074	29.234	30.23	-3.6	-4.2	-9	76	.023	1.6	-4.0	SW	12			0	0	0	0	Clear		P.M.O.	16
17	54.0	28.766	-.076	28.690	29.64	24.8	22.3	17	69	.089	25.7	16.4	SW	14			T	6	a. St.	W	Pt. Cloudy		P.M.O.	17
18	64.0	28.964	-.102	28.862	29.81	18.0	16.7	14	80	.077	38.4	18.0	NE	6			T	10	St.	NE	Cloudy		P.M.O.	18
19	70.0	29.100	-.118	28.982	29.94	17.8	17.0	15	87	.081	23.0	17.8	N	6			T	10	St.	N	Cloudy		P.M.O.	19
20	70.5	29.364	-.120	29.244	30.20	17.6	14.8	6	55	.052	28.0	17.6	NE	3			0	3	a. St.	W	Clear		P.M.O.	20
21	70.0	29.432	-.119	29.313	30.27	26.8	24.9	21	77	.108	32.4	26.1	NE	8			.01	10	St.	NE	Cloudy		P.M.O.	21
22	67.0	29.405	-.111	29.294	30.25	25.3	23.3	19	75	.098	36.0	24.8	NE	6			0	8	St. Cu.	NW	Cloudy		P.M.O.	22
23	65.0	28.960	-.104	28.856	29.81	27.4	26.9	26	94	.136	30.0	26.3	SE	3			.03	10	Nb.	SE	Lt. Snow		P.M.O.	23
24	64.5	29.054	-.103	28.951	29.91	23.2	20.7	14	66	.077	28.8	21.6	W	7			0	10	St.	W	Cloudy		P.M.O.	24
25	62.5	29.024	-.098	28.926	29.89	18.5	17.3	14	82	.077	23.0	17.8	W	8			.01	10	Nb	W	Lt. Snow		P.M.O.	25
26	65.0	29.218	-.105	29.113	30.08	4.6	4.0	1	84	.040	19.6	4.6	NW	9			T	1	St.	NW	Clear		P.M.O.	26
27	61.0	29.454	-.095	29.359	30.34	8.4	7.2	2	72	.042	13.8	7.6	W	8			0	1	St.	W	Clear		P.M.O.	27
28	65.0	29.112	-.104	29.008	29.97	28.7	27.2	25	83	.130	28.9	22.6	SW	13			T	10	St.	SW	Cloudy		P.M.O.	28
29	63.5	29.344	-.102	29.242	30.20	17.4	15.8	11	74	.066	25.2	15.6	NW	9			T	1	St.	NW	Clear		P.M.O.	29
30																								30
31																								31
Sums	(a)	(a)	(a)	844.971	872.81	626.6	585.0	487	2322	2837	(a)	(a)	(a)	243	(a)	(a)	0.08	211	(a)	(a)	(a)		(a)	(a)
Means	(a)	(a)	(a)	29.137	30.097	21.6	20.2	16.8	80.1	.098	(a)	(a)	(c) NE	8.4	(a)	(a)	(a)	7.3	U 2St. L St.	U W L W	(a)		(a)	(a)

Reference letters in this form refer to paragraph 121, "Instructions for Preparing Meteorological Forms."

† By dial when self-register is out of order. # Estimated.

†† T indicates trace of precipitation.

U, upper clouds. L, lower clouds.

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ORIGINAL MONTHLY RECORD OF OBSERVATIONS at Fort Wayne, Ind. for the Month of February, 1920

Number of Station barometer, 656; sum of corrections, −.09 inch.

OBSERVATIONS AT 8 P. M. 75TH MERIDIAN TIME, WHICH CORRESPONDS TO 7.00 P. M. 90th MERIDIAN TIME, THE STANDARD OF TIME IN LOCAL USE; 7.19 P. M. LOCAL MEAN TIME.

Date.	Barometer. Attached thermometer.	Barometer. Observed reading.	Barometer. Total correction.	Barometer. Station. (Observed reading plus total cor.) (b)	Barometer. Reduced to sea-level. (b)	Thermometers. Dry. (b)	Thermometers. Wet. (b)	Dew-point. (b)	Relative humidity. (b)	Vapor pressure. (b)	Self-reg. ther's. Max. (b)	Self-reg. ther's. Min. (b)	Wind. Dir.	Wind. Velocity. (b) †	Wind. Max. during preceding 12 hours.	Wind. Dir.	Precipitation. Amt. at 8 p. m. (b) ††	Clouds. Amt.	Clouds. Kind.	Clouds. Dir. from.	State of Weather.	Fog, Mid. to Mid. (local standard time). Light. (f)	Fog, Mid. to Mid. (local standard time). Dense. (f)	Initials of observer.	Date.
		In.		In.	In.	°	°	°	%	In.	°	°		Mi.	Mi.		In.								
1	68.0	29.574	-.114	29.460	30.43	38.0	34.0	28	67	.150	39.2	5.6	SE	4			0	0	0	0	Clear			P.M.G.D.	1
2	73.0	29.616	-.127	29.489	30.44	45.8	41.8	37	72	.219	51.8	35.4	SW	5			0	5	a.St.	W	Pt. Cloudy			P.M.G.D.	2
3	74.0	29.726	-.131	29.595	30.57	29.0	28.0	26	89	.136	34.0	29.0	NE	16			0	10	St.	NE	Cloudy			A.W.P.	3
4	72.5	29.682	-.127	29.555	30.53	26.6	25.2	23	83	.118	27.7	20.4	NE	12			0	6 / 2	Ci. / St.	N / NE	Cloudy			A.W.P.	4
5	73.0	29.400	-.127	29.273	30.23	30.7	30.1	29	94	.157	31.8	21.5	NE	6			T	10	St.	NE	Cloudy			A.W.P.	5
6	73.0	29.180	-.126	29.054	30.00	35.0	31.7	27	70	.143	37.4	29.5	W	4			0	9	St.Cu.	N	Cloudy			P.M.G.D.	6
7	72.0	29.270	-.124	29.146	30.10	33.0	31.0	28	80	.150	34.6	30.8	N	5			T	9	St.Cu.	N	Cloudy			P.M.G.D.	7
8	65.0	29.394	-.106	29.288	30.24	35.4	31.9	26	68	.136	36.2	32.4	NW	3			T	10	St.	NW	Cloudy			P.M.G.D.	8
9	69.0	29.062	-.115	28.947	29.90	36.5	36.0	36	95	.211	37.0	32.0	SW	8			.08	10	Nb.	SW	Lt. rain			P.M.G.D.	9
10	68.5	29.100	-.114	28.986	29.94	31.3	28.1	23	67	.118	34.6	28.0	W	7	27	SW	T	8	St.Cu.	W	Cloudy			P.M.G.D.	10
11	71.0	29.000	-.120	28.880	29.83	32.2	29.1	24	69	.124	36.2	22.8	E	4			0	9	St.	E	Cloudy			P.M.G.D.	11
12	75.0	29.022	-.131	28.891	29.84	28.4	25.3	19	65	.098	30.3	26.7	W	4			.01	10	St.	W	Cloudy			P.M.G.D.	12
13	74.0	29.000	-.128	28.872	29.82	38.0	35.0	31	75	.172	38.4	27.8	S	6			T	10	St.	W	Cloudy			P.M.G.D.	13
14	66.0	29.155	-.108	29.047	30.01	10.0	8.6	3	70	.044	25.0	10.0	W	15			.02	10	Nb	W	Lt. Snow			P.M.G.D.	14
15	54.0	29.268	-.077	29.191	30.19	1.6	0.4	-6	64	.028	5.0	-3.4	W	18	28	W	T	0	0	0	Clear			P.M.G.D.	15
16	62.5	29.008	-.098	28.910	29.89	17.6	15.0	7	59	.054	19.0	-3.7	SW	16			0	10	St.	SW	Cloudy			P.M.G.D.	16
17	69.0	28.800	-.114	28.686	29.63	38.4	33.3	26	59	.136	41.0	24.8	W	10	28	SW	0	10	St.	W	Cloudy			P.M.G.D.	17
18	71.5	29.030	-.121	28.909	29.87	23.0	20.3	13	64	.074	25.6	18.0	SE	5			T	10	Nb	SE	Lt. Snow			P.M.G.D.	18
19	73.0	29.228	-.126	29.102	30.06	28.0	25.0	19	66	.098	29.2	17.5	NW	4			T	10	St.	NW	Cloudy			P.M.G.D.	19
20	75.0	29.488	-.133	29.355	30.33	32.4	28.9	23	65	.118	36.7	17.6	NE	5			0	4	St.Cu.	NE	Pt. Cloudy			P.M.G.D.	20
21	71.0	29.371	-.121	29.250	30.21	36.0	32.4	27	68	.143	37.6	26.8	NE	6			0	10	St.	NE	Cloudy			P.M.G.D.	21
22	67.0	29.242	-.110	29.132	30.08	30.0	28.0	25	78	.130	35.0	25.0	E	7			0	0	0	0	Clear			P.M.G.D.	22
23	70.0	29.016	-.118	28.898	29.85	28.8	26.7	23	77	.118	34.3	27.4	NW	12			T	10	St.	NW	Cloudy			P.M.G.D.	23
24	72.0	29.052	-.123	28.929	29.89	23.0	21.5	18	80	.093	24.6	22.8	NW	7			.01	10	Nb.	NW	Lt. Snow			P.M.G.D.	24
25	73.0	29.134	-.126	29.008	29.97	19.6	18.2	15	79	.081	23.0	17.0	NW	8			T	8	St.Cu.	NW	Cloudy			P.M.G.D.	25
26	72.5	29.420	-.126	29.294	30.27	13.8	11.0	0	49	.038	17.6	4.6	NW	12			T	2	St.Cu.	NW	Clear			P.M.G.D.	26
27	69.0	29.393	-.117	29.276	30.26	25.0	22.0	15	63	.081	26.6	8.4	SW	8			T	10	Nb	W	Lt. Snow			P.M.G.D.	27
28	70.5	29.232	-.120	29.112	30.07	25.2	22.1	15	62	.081	32.2	24.6	NW	9			T	10	Nb	NW	Lt. Snow			P.M.G.D.	28
29	64.5	29.314	-.104	29.210	30.17	23.0	21.2	17	76	.089	24.6	16.2	W	6			T	0	0	0	Clear			P.M.G.D.	29
30																									30
31																									31
Sums		(a)	(a)	844.745	872.62	815.3	741.8	597	2073	3.338	(a)	(a)	(a)	232	(a)	(a)	0.12	222	(a)	(a)	(a)	0	0	(a)	(a)
Means		(a)	(a)	29.129	30.090	28.1	25.6	20.6	71.5	.115	(a)	(a)	(c) W NW	8.0	(a)	(a)	(a)	7.7	U Ci. St. L St.	U N W L NW	(a)	(a)	(a)	(a)	(a)

Observations are begun about 7.40 o'clock, 75th meridian time.

† By dial when self-register is out of order.

†† T indicates trace of precipitation.

U, upper clouds. L, lower clouds.

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ORIGINAL MONTHLY RECORD OF OBSERVATIONS at Fort Wayne, Ind., for the Month of February, 192

Date.	Temperature. Maximum. (b)	Minimum. (b)	Range. (b)	Change. (b)	Mean (max. and min.). (b)	Normal.	Departure.	Total excess or deficiency since 1st of month.	Precipitation. Character. ‡	Beginning.	Ending.	Character. ‡	Beginning.	Ending.	Character. ‡	Beginning.	Ending.	Character. ‡	Beginning.	Ending.	Total (mid. to mid.). (b) ††	Normal.	Departure.	Total excess or deficiency since 1st of month.	Hail and sleet unmelted. 7 p.m. to 7 p.m. *‡‡	Snow unmelted. 7 p.m. to 7 p.m. *‡‡	Hail, sleet, and snow on ground at 7 p.m. *‡‡	Amount of precipitation from melted snow (mid. to mid.).	Date.
	°	°	°	°	°																In.				In.	In.	In.	In.	
Sunday 1	39	4	35	14	22																0				0	0	3.0	0	1
2	52	33	19	20	42																0				0	0	2.0	0	2
3	36	23	13	12	30																0				0	0	2.0	0	3
4	28	20	8	6	24																0				0	0	2.0	0	4
5	32	20	12	2	26				Sd	6:30 a	8:00 a										T				0	T	1.0	T	5
6	37	28	9	6	32				Sl.	D.N.a	D.N.a										T				T	0	0.7	0	6
7	35	31	4	1	33				Sm	D.N.a	D.N.a	Sm	11:00 a	12:30 p							.01				0	0.1	0.4	.01	7
8	36	31	5	1	34				Sd	D.N.a	D.N.a	Sd	7:15 a	10:10 a							T				0	T	0.2	T	8
9	37	31	6	0	34				R	12:10 p	8:30 p										.09				0	0	T	0	9
10	35	27	8	3	31				Sm	11:15 a	11:45 a										T				0	T	T	T	10
11	36	23	13	1	30																0				0	0	T	0	11
12	37	27	10	2	32				Sm	8:46 a	1:15 p	Sm	3:55 p	5:50 p							.01				0	0.1	T	.01	12
13	38	26	12	0	32				Sm	11:30 a	11:55 a	R	7:10 p	7:20 p							T				0	T	T	T	13
14	36	3	33	12	20				Sd	8:15 a	D.N.p.										.03				0	0.2	0.2	.03	14
15	5	-3	8	19	1				Sd	3:45 p	5:45 p										T				0	0.1	0.3	T	15
16	23	-4	27	9	10				Sd	7:02 p.	D.N.p.										T				0	0	0.2	T	16
17	41	23	18	22	32				Sm	9:05 p.	D.N.p.										T				0	T	T	T	17
18	26	18	8	10	22				Sd	6:00 p.	8:50 p										T				0	T	T	T	18
19	29	18	11	2	24				Sd	7:25 a	9:30 a										T				0	T	T	T	19
20	37	18	19	4	28																0				0	0	T	0	20
21	38	26	12	4	32				Sm	4:15 a	6:20 a										.01				0	0.1	0	.01	21
22	35	25	10	2	30																0				0	0	0	0	22
23	34	24	10	1	29				Sm	2:30 a	7:30 a	R	10:10 a	10:25 a							.03				0	0.4	T	.03	23
24	25	19	6	7	22				Sm	7:56 a	4:10 p.	Sm	6:20 p.	7:30 p.	Sm	11:46 a	12:15 p	Sm	5:20 p	6:00 p.	ϕ .01				0	0.1	T	ϕ .01	24
25	23	12	11	4	18				Sm	D.N.a	8:30 a	Sm	10:20 a	11:25 a	Sm	3:35 p.	3:55 p	Sd	7:50 p.	9:45 p	ϕ .01				0	0.1	T	ϕ .01	25
26	18	5	13	6	12				Sd	11:55 a	12:04 p	Sd	1:02 p.	1:15 p.	Sd	2:30 p	3:10 p				T				0	T	T	T	26
27	27	8	19	6	18				Sm	6:30 p.	9:45 p.										T				0	T	T	T	27
28	32	20	12	8	26				Sm	4:40 p	8:30 p										T				0	T	T	T	28
29	25	16	9	6	20				Sd	11:32 a	11:37 a										T				0	T	T	T	29
30																													30
31																													31
S	932	552	380	190	746		Total excess or deficiency since January 1,		(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	0.20		Total excess or deficiency since January 1,		T	1.2	(a)	(a)	(a)
M	32.1	19.0	13.1	6.6	25.7	(a)			(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)			(a)	(a)	(a)	(a)	(a)

All data are in the standard of time in local use. ‡ Use the following abbreviations: R—rain, Sd—dry snow, Sm—moist snow, H—hail, Sl—sleet. †† T indicates trace of precipitation. ‡‡ Enter the local standard time of observation. * Inches and tenths.

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SUMMARY FOR THE MONTH OF February, 192

The 8 a.m. and 8 p.m. means of pressure, dry and wet thermometers, dew-point, humidity, vapor pressure, and mean cloudiness are in 75th meridian time. All other data are in the standard of time in local use.

PRESSURE.

(Correction to reduce to a 24-hour mean -.005)

STATION. Mean. 8 a.m.	8 p.m.	Monthly. (g)	Highest. (h)	Date.	Lowest. (h)	Date.	Absolute range.	REDUCED. Mean. 8 a.m.	8 p.m.	Monthly. (g)	Highest. (h)	Date.	Lowest. (h)	Date.	Absolute range.
29.137	29.129	29.133	29.600	3	28.590	17	1.010	30.097	30.090	30.094	30.57	3	29.52	17	1.05
Corrected mean		29.128						Corrected mean		30.089	3,500-ft			10,000-ft	

TEMPERATURE.

Mean. Dry. 8 a.m.	8 p.m.	(8+8)÷2 (g)	Wet. 8 a.m.	8 p.m.	Monthly. (g)	Max.	Min.	Monthly. (g)	Sea-level. (g)	3,500-ft. (g)	10,000-ft. (g)	Highest. (i)	Date. (i)	Lowest. (i)	Date. (i)	Absolute range.	Greatest daily range. (i)	Date. (i)	Least daily range. (i)	Date. (i)
21.6	28.1	24.8	20.2	25.6	22.9	32.1	19.0	25.6				52	2	-4	16	56	35	1	4	7

Dew-point. 8 a.m.	8 p.m.	Monthly. (g)	Relative humidity. 8 a.m.	8 p.m.	Monthly. (g)	Vapor pressure. 8 a.m.	8 p.m.	Monthly. (g)
16.8	20.6	18.7	80.1	71.5	75.8	.098	.115	.106

Number of days with—(j) Maximum. 32° or below.	90° or above.	Minimum. 32° or below.	Zero or below.
11	0	28	2

CLOUDS.

Most frequent clouds St.

Most frequent direction upper clouds W

Most frequent direction lower clouds NW

WIND.

Total movement (mid. to mid.).	Average hourly velocity.	Prevailing direction. (p)	Maximum velocity. (r)	Direction. (r)	Date. (r)	Number of times wind observed from the— N.	NE.	E.	SE.	S.	SW.	W.	NW.	Calm.
6345	9.1	W	31	NE	3	2	13	3	3	2	11	13	11	0

WEATHER.

Mean cloudiness. 8 a.m.	8 p.m.	Monthly. (t)	Sunshine. Percentage of possible.	Number of days. Clear.	Partly cloudy.	Cloudy.	Number of days with precipitation (mid. to mid.). Clear. (u)	Partly cloudy. (u)	Cloudy. (u)
7.3	7.7	7.2	37	4	9	16	0	0	8

MISCELLANEOUS PHENOMENA.

DATES OF—(MIDNIGHT TO MIDNIGHT).

Frosts. Light.	Heavy.	Killing.	Thunderstorms. (v)	Winds. (40 miles or over.)	Solar halos.	Lunar halos.	Fog. Light.	Dense.	Haze. Light.	Dense.	Smoke. Light.	Dense.	Hail.	Aurora.
—	—	—	0	0	0	0	0	0	0	0	0	0	0	0

PRECIPITATION (in inches and hundredths). (m)

Total amount.	Greatest amount in 24 consecutive hours. Amt.	Date. (k)	Excessive. 2.50 inches in 24 hours. (l) * Amt.	Duration. h. m.	Date. (k)	1 inch per hour. (l) Amt.	Duration. h. m.	Date. (k)	Number of days with—(mid. to mid.). Trace.	.01 or more.	.04 or more.	.25 or more.	1.00 or more.	Total.	Snow. Trace or more.	.01 or more melted.	Snow. Total depth. (o)	Average depth at end of month.
0.20	0.09	9	0			0			14	8	1	0	0	22	13	7	1.2	T

(w) Maximum precipitation in 5 minutes —, date —; 10 minutes —, date —; 15 minutes —, date —;

30 minutes —, date —; 1 hour —, date —; 2 hours —, date —.

EXCESSIVE.

Date.	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amt. before excessive began.	Accumulated depths during excessive rate for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Tipping bucket raingage not exposed during the month																				

* The duration is the time precipitation was actually recorded.

8—154

Prepared by P. McDonough, Meteorologist, Weather Bureau.

ORIGINAL MONTHLY RECORD OF OBSERVATIONS at Fort Wayne, Ind., for the Month of February, 1920

Number of Station barometer, 656; sum of corrections, −.009 inch.

SPECIAL OBSERVATIONS.

Date.	Time. 75th mer.	Time. Local (standard).	Barometer. Attached thermometer.	Barometer. Observed reading.	Barometer. Total correction.	Barometer. Station. (Observed reading plus total cor.)	Barometer. Reduced to sea-level.	Thermometers. Dry.	Thermometers. Wet.	Dew-point.	Depression of the dew-point.	Relative humidity.	Maximum thermometer.	Wind. Direction.	Wind. Velocity. †	Wind. Max. since last observation.	Wind. Direction.	Precipitation. ††	Clouds. Amt.	Clouds. Kind.	Clouds. Dir. from.	State of Weather.	Special Phenomena.	Initials of Observer.	Date.
13"	12 noon	11 a.m.	76.0	29.032	-.133	28.899	29.85	32.8	27.8	19	14	52	32.8	S	10			0	9	St. Cu.	W	Cloudy	Ordered by C. O.	[illegible]	13
17"	12 noon	11 a.m.	62.0	28.724	-.096	28.628	29.56	33.7	28.7	20	14	53	33.7	SW	15	22 SW		0	9	St. Cu.	SW	Cloudy	ordered by C. O.	[illegible]	17
23	12 noon	11 a.m.	70.0	28.947	-.118	28.829	29.77	33.6	31.8	29	5	83	33.6	W	10			T	10	St. Cu.	NW	Cloudy	ordered by C. O.	[illegible]	23
3"	11.50 a	10.50 a				29.600	----	32.0																	3
17	3.00 p.	2.00 p.				28.590	29.52	40.0																	17

If additional space is required, rule a sheet similar to this, and paste to this margin. † By dial when self-register is out of order. †† T indicates trace of precipitation.

8—154

ORIGINAL MONTHLY RECORD OF OBSERVATIONS at ....., *for the Month of* ....., *192*

Wind—Number of Miles and Length of Time From. (*Standard of time in local use,* ..... *meridian.*)

DATE.	N.		NE.		E.		SE.		S.		SW.		W.		NW.		CALM.		TOTAL.	
	MILES.	HOURS.	MILES.	HOURS.	MILES.	HOURS.	MILES.	HOURS.	MILES.	HOURS.	MILES.	HOURS.	MILES.	HOURS.	MILES.	HOURS.	MILES.	HOURS.	MILES.	HOURS.
1																				
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3																				
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27																				
28																				
29																				
30																				
31																				
SUM.																				
PERCENTAGE																			*a*	*a*
AVG. HOURLY VELOCITY		*a*		*a*		*a*		*a*		*a*		*a*		*a*		*a*		*a*		*a*

8—154

Form No. 1001—Met'l.

U. S. DEPARTMENT OF AGRICULTURE,

WEATHER BUREAU.

ORIGINAL MONTHLY RECORD

OF

OBSERVATIONS

AT

Fort Wayne, Indiana

For the Month of March, *1920*

*Station is supplied with a barograph, thermograph, sunshine recorder, and self-recording rain gage.

†No. of dry thermometer in use, _____; No. of wet thermometer in use, _____; No. of maximum thermometer in use, _____; No. of minimum thermometer in use, _____

†Elevation above ground of the dry thermometer, _____ feet; rain gage, _____ feet; anemometer, _____ feet.

If the office has been moved during the month, give date _____; amount of change in height of barometer, _____ feet (higher or lower).

No. of extra barometer, 675; sum of corrections, -.017; date and observation upon which use of station barometer commenced, May 20, 1910 7 a. m., station elevation, 856 feet; actual elevation, 856 feet.

Location of office: Number Corner of Berry & Calhoun street, room 911-12 Schaff Building; first observation taken in present office, 7:00 a. m. May 20, 1910

*Cancel words that are not appropriate. †To be entered only in December unless changes are made during the year. Changes made during the year will be noted in the appropriate months. 8—152

ORIGINAL MONTHLY RECORD OF OBSERVATIONS at Fort Wayne, Indiana, for the Month of March, 1920

Number of Station barometer, 656; sum of corrections, -.009 inch.

OBSERVATIONS AT 8 A. M. 75TH MERIDIAN TIME, WHICH CORRESPONDS TO 7.00 A. M. 90th MERIDIAN TIME, THE STANDARD OF TIME IN LOCAL USE; 7.19 A. M. LOCAL MEAN TIME.

Date.	Barometer. Attached thermometer.	Barometer. Observed reading.	Barometer. Total correction.	Barometer. Station. (Observed reading plus total cor.) (b)	Barometer. Reduced to sea-level. (b)	Thermometers. Dry. (b)	Thermometers. Wet. (b)	Dew-point. (b)	Relative humidity. (b)	Vapor pressure. (b)	Self-reg. ther's. Max. (b)	Self-reg. ther's. Min. (b)	Wind. Dir.	Wind. Velocity. (b) †	Wind. Max. during preceding 12 hours.	Wind. Dir.	Precipitation. Amt. at 8 a. m. (b) ††	Clouds. Amt.	Clouds. Kind.	Clouds. Dir. from.	State of Weather.		Initials of observer.	Date.
		In.		In.	In.	°	°	°	%	In.	°	°		Mi.	Mi.		In.							
1	61.0	29.140	-.094	29.046	30.01	20.0	18.0	13	70	.074	23.0	19.4	SW	8			0	0	0	0	Clear		P.M.Q.	1
2	63.5	29.174	-.101	29.073	30.02	27.6	24.5	18	64	.093	37.3	27.6	SW	10			0	0	0	0	Clear		P.M.Q.	2
3	66.5	29.400	-.110	29.290	30.24	36.8	33.2	28	69	.150	42.5	35.0	S	5			0	10	St. Cu.	S	Cloudy		P.M.Q.	3
4	71.0	28.960	-.120	28.840	29.76	42.5	38.0	32	66	.180	46.4	41.4	SE	10			.08	10	St.	SE	Cloudy		P.M.Q.	4
5	65.0	29.220	-.105	29.115	30.08	14.0	12.6	8	74	.057	37.0	14.0	NW	16	33	NW	.02	2	St. Cu.	N	Clear		P.M.Q.	5
6	68.0	29.390	-.114	29.276	30.26	12.9	11.7	8	77	.059	15.2	9.8	NW	12			T	10	St.	NW	Cloudy		P.M.Q.	6
7	63.5	29.420	-.102	29.318	30.30	7.7	6.5	1	72	.040	16.0	6.8	W	8			T	7	St. Cu.	W	Pt. Cloudy		P.M.Q.	7
8	57.0	29.412	-.085	29.327	30.31	12.6	11.0	5	69	.049	14.0	10.3	SW	13			0	3 1	a. St. St.	W SW	Pt. Cloudy		P.M.Q.	8
9	60.0	29.372	-.092	29.280	30.24	29.8	28.3	26	84	.136	32.4	27.6	SW	13			0	7	a. St.	W	Pt. Cloudy		P.M.Q.	9
10	65.5	29.360	-.107	29.253	30.20	40.0	40.0	40	100	.247	44.0	38.0	SW	5			0	10	Dense fog	SW	Foggy		P.M.Q.	10
11	68.5	29.200	-.114	29.086	30.03	45.2	44.6	44	95	.287	46.6	44.3	S	9			.10	10	Dense fog	S	Foggy		P.M.Q.	11
12	69.0	28.640	-.114	28.526	29.44	53.0	50.8	49	87	.347	56.5	53.0	SW	18	31	S	.28	10	St. Cu.	SW	Cloudy		P.M.Q.	12
13	67.5	29.078	-.111	28.967	29.93	19.8	18.4	15	79	.081	27.4	19.8	NW	12			.01	5	St. Cu.	NW	Lt. Snow		P.M.Q.	13
14	64.5	29.270	-.104	29.166	30.13	26.0	23.5	18	69	.093	26.0	22.3	SW	8			0	9	St. Cu.	SW	Cloudy		P.M.Q.	14
15	68.5	28.940	-.114	28.826	29.75	43.3	38.8	33	67	.187	43.3	38.6	S	14			0	5 1	a. St. St.	W S	Pt. Cloudy		P.M.Q.	15
16	73.0	28.870	-.124	28.746	29.67	44.0	40.3	36	73	.211	56.2	42.0	SW	15	39	S	.77	10	St. Cu.	W	Cloudy		P.M.Q.	16
17	68.5	29.400	-.115	29.285	30.23	28.4	26.3	23	76	.118	45.0	28.4	W	19	32	W	0	7	St. Cu.	W	Pt. Cloudy		P.M.Q.	17
18	68.0	29.550	-.114	29.436	30.40	27.0	24.8	21	74	.108	31.3	26.0	E	12			0	10	St.	E	Cloudy		P.M.Q.	18
19	72.0	28.714	-.122	28.592	29.52	33.0	32.5	32	95	.180	35.0	31.6	E	8			10	10	Dense fog	E	Foggy		P.M.Q.	19
20	67.0	29.040	-.110	28.930	29.88	27.0	25.0	21	76	.108	29.0	23.7	W	8			.01	1	a. St.	W	Clear		P.M.Q.	20
21	65.5	29.350	-.107	29.243	30.19	30.8	27.7	22	68	.113	43.4	30.0	NW	3			0	0	0	0	Clear		P.M.Q.	21
22	64.0	29.448	-.103	29.345	30.29	40.5	35.0	28	58	.150	49.0	38.8	S	6			0	0	0	0	Clear		P.M.Q.	22
23	71.5	29.418	-.123	29.295	30.24	45.7	39.1	31	58	.172	57.0	43.9	S	8			0	1	a. St.	W	Clear		P.M.Q.	23
24	69.5	29.208	-.117	29.091	30.02	47.4	41.4	34	60	.195	59.3	46.7	SE	9			0	6 2	a. St. St.	W SE	Cloudy		P.M.Q.	24
25	72.5	28.992	-.124	28.868	29.79	56.3	50.2	45	65	.298	61.0	54.0	S	12			.02	9	St. Cu.	S	Cloudy		P.M.Q.	25
26	69.0	28.600	-.113	28.487	29.40	48.3	47.3	46	93	.310	64.5	48.3	SW	34	44	S	.08	10	Nb.	SW	Lt. rain		P.M.Q.	26
27	65.0	29.153	-.105	29.048	29.99	37.0	33.9	30	73	.164	45.0	34.8	NW	6	25	W	0	0	0	0	Clear		P.M.Q.	27
28	68.0	28.870	-.112	28.758	29.67	55.1	45.6	35	47	.203	58.0	53.3	SE	14			0	3 3 2	Ci. St. St. Cu. St.	W SE SE	Cloudy		P.M.Q.	28
29	64.5	28.818	-.103	28.715	29.64	39.0	35.0	29	68	.157	65.9	39.0	SW	28	40	SW	.01	10	St. Cu.	SW	Cloudy		P.M.Q.	29
30	56.0	29.110	-.081	29.029	29.97	45.0	39.0	31	58	.172	45.0	36.8	SW	15			0	4	St. Cu.	SW	Pt. Cloudy		P.M.Q.	30
31	69.0	29.108	-.115	28.993	29.92	50.7	43.2	35	54	.203	58.8	47.6	SW	12			0	2	St. Cu.	SW	Clear		P.M.Q.	31
Sums	(a)	(a)	(a)	900.250	929.52	1085.9	986.2	837	2238	4940	(a)	(a)	(a)	370	(a)	(a)	1.48	160	(a)	(a)	(a)		(a)	(a)
Means	(a)	(a)	(a)	29.040	29.985	35.0	31.8	27.0	72.2	.159	(a)	(a)	(c) SW	11.9	(a)	(a)	(a)	5.2	U a. St. L St. Cu.	U W L SW	(a)		(a)	(a)

Reference letters in this form refer to paragraph 121, "Instructions for Preparing Meteorological Forms."

† By dial when self-register is out of order.

†† T indicates trace of precipitation.

U, upper clouds. L, lower clouds.

8—154

ORIGINAL MONTHLY RECORD OF OBSERVATIONS at Fort Wayne, Ind., for the Month of March, 1920.

Number of Station barometer, 656; sum of corrections, −.009 inch.

OBSERVATIONS AT 8 P. M. 75TH MERIDIAN TIME, WHICH CORRESPONDS TO 7:00 P. M. 90° MERIDIAN TIME, THE STANDARD OF TIME IN LOCAL USE; 7:19 P. M. LOCAL MEAN TIME.

Date.	Barometer. Attached thermometer.	Barometer. Observed reading.	Barometer. Total correction.	Barometer. Station. (Observed reading plus total cor.) (b)	Barometer. Reduced to sea-level. (b)	Thermometers. Dry. (b)	Thermometers. Wet. (b)	Dew-point. (b)	Relative humidity. (b)	Vapor pressure. (b)	Self-reg. ther's. Max. (b)	Self-reg. ther's. Min. (b)	Wind. Dir.	Wind. Velocity. (b) †	Wind. Max. during preceding 12 hours.	Wind. Dir.	Precipitation. Amt. at 8 p. m. (b) ††	Clouds. Amt.	Clouds. Kind.	Clouds. Dir. from.	State of Weather.	Fog, Mid. to Mid. (local standard time). Light. (f)	Fog, Mid. to Mid. (local standard time). Dense. (f)	Initials of observer.	Date.
		In.		In.	In.	°	°	°	%	In.	°	°		Mi.	Mi.		In.								
1	67.5	29.150	-.112	29.038	29.99	37.3	30.7	19	45	.098	39.4	20.0	W	6			0	0	0	0	Clear			P.M.Q.	1
2	71.0	29.260	-.121	29.139	30.09	42.5	35.5	26	48	.136	49.0	27.6	SW	7			0	0	0	0	Clear			P.M.Q.	2
3	72.0	29.272	-.124	29.148	30.09	45.0	38.0	29	52	.157	51.6	36.8	SE	7			0	10	St.	SE	Cloudy			P.M.Q.	3
4	73.0	28.790	-.124	28.666	29.60	37.0	35.0	32	83	.180	44.0	37.0	NW	22			.70	10	Nb	NW	Lt. Rain			P.M.Q.	4
5	75.0	29.404	-.133	29.271	30.25	15.2	12.8	4	58	.047	21.2	13.2	NW	14			0	1	St.	N	Clear			P.M.Q.	5
6	74.0	29.402	-.130	29.272	30.25	16.0	13.0	2	49	.042	18.8	12.9	NW	8			T	9	St.Cu.	NW	Cloudy			P.M.Q.	6
7	62.0	29.532	-.098	29.434	30.41	14.0	12.0	5	63	.049	16.3	7.0	SW	14			0	Few	St.	SW	Clear			P.M.Q.	7
8	65.0	29.330	-.105	29.225	30.18	32.0	30.0	27	79	.143	33.0	12.6	SW	10	35	SW	0	1	St.	SW	Clear			P.M.Q.	8
9	65.5	29.252	-.107	29.145	30.09	44.0	39.0	32	64	.180	50.4	29.8	SW	14	32	SW	0	4	St.Cu.	SW	Pt. Cloudy			P.M.Q.	9
10	71.0	29.288	-.121	29.167	30.10	46.3	45.2	44	92	.287	49.0	40.0	S	9			T	10	Nb	S	Lt. Rain		B 600a E 930a	P.M.Q.	10
11	75.0	28.972	-.131	28.841	29.76	54.2	52.1	50	87	.360	57.0	45.2	S	10			.02	10	St.	S	Cloudy		B.D.N.a E 1.10p	P.M.Q.	11
12	74.0	29.020	-.128	28.892	29.83	27.4	25.4	21	76	.108	53.0	27.4	NW	16	34	SW	.01	10	St.Cu.	NW	Cloudy			P.M.Q.	12
13	73.0	29.210	-.126	29.084	30.04	25.0	20.1	6	39	.052	29.0	19.8	NW	16	27	NW	T	0	0	0	Clear			P.M.Q.	13
14	73.5	29.180	-.128	29.052	30.00	42.0	37.0	30	62	.164	47.4	26.0	SE	5			0	1	St.	SE	Clear			P.M.Q.	14
15	76.5	28.780	-.133	28.647	29.56	54.4	51.4	49	82	.347	57.6	43.3	S	27	34	S	T	4	St.Cu.	SW	Pt. Cloudy			P.M.Q.	15
16	77.5	29.032	-.137	28.895	29.83	45.0	37.4	27	47	.143	53.6	44.0	W	20	39	SW	0	1	St.	W	Clear			P.M.Q.	16
17	77.0	29.586	-.138	29.448	30.41	31.3	28.3	23	69	.118	35.0	26.6	N	6			0	1	St.	N	Clear			P.M.Q.	17
18	75.0	29.257	-.132	29.125	30.07	35.0	32.0	28	73	.150	37.0	27.0	E	8			T	10	St.	E	Cloudy			P.M.Q.	18
19	72.0	28.770	-.122	28.648	29.58	29.0	28.5	28	94	.150	41.0	29.0	N	17			.07	10	Nb	N	Lt. Snow		B 630a E 1235p	P.M.Q.	19
20	71.5	29.184	-.122	29.062	30.01	43.4	35.4	23	43	.118	47.0	27.0	N	3			0	1	St.	W	Clear			P.M.Q.	20
21	67.0	29.380	-.111	29.269	30.22	49.0	38.8	24	36	.124	51.8	30.8	W	4			0	0	0	0	Clear			P.M.Q.	21
22	72.0	29.382	-.125	29.257	30.19	57.0	47.0	36	46	.211	63.4	40.5	S	8			0	1	a St.	W	Clear			P.M.Q.	22
23	71.0	29.246	-.121	29.125	30.05	59.3	48.3	37	43	.219	66.7	45.2	SE	7	26	S	0	4 3	a Sc. St.	W SE	Pt. Cloudy			P.M.Q.	23
24	72.0	29.087	-.123	28.964	29.89	61.0	52.0	44	54	.287	63.6	47.4	SE	8	26	SW	0	6	St.Cu.	SE	Pt. Cloudy			P.M.Q.	24
25	72.0	28.662	-.124	28.538	29.44	64.0	55.0	48	56	.334	68.6	55.0	SE	14			.04	10	St.	SE	Cloudy			P.M.Q.	25
26	68.0	28.892	-.112	28.780	29.70	44.4	41.2	38	77	.228	48.3	44.0	W	18	36	SW	.01	10	St.	W	Cloudy			P.M.Q.	26
27	72.0	29.088	-.123	28.965	29.89	58.0	47.4	36	44	.211	61.8	37.0	E	6			0	0	0	0	Clear			A.C.R.	27
28	71.0	28.454	-.118	28.336	29.24	64.0	60.4	58	81	.482	70.0	54.6	SW	16	38	S	.22	8	St.Cu.	SW	Cloudy			P.M.Q.	28
29	69.0	29.120	.115	29.005	29.94	42.8	34.8	23	43	.118	47.8	34.8	W	13	39	W	0	0	0	0	Clear			H.C.R.	29
30	69.0	29.129	.116	29.013	29.94	58.8	46.6	33	38	.187	64.1	45.0	W	7	33	W	0	0	0	0	Clear			H.C.R.	30
31	73.0	29.012	.125	28.887	29.81	64.0	48.3	31	28	.172	73.2	50.7	S	15	31	S	0	Few 1	Ci St St.Cu.	W SW	Clear			H.C.R.	31
Sums	(a)	(a)	(a)	899.338	928.45	1338.3	1158.6	913	1851	5.602	(a)	(a)	(a)	355	(a)	(a)	1.07	136	(a)	(a)	(a)	0	3	(a)	(a)
Means	(a)	(a)	(a)	29.011	29.950	43.2	37.4	29.5	59.7	.181	(a)	(a)	(c) W	11.5	(a)	(a)	(a)	4.4	U ast L St	U W L SW	(a)	(a)	(a)	(a)	(a)

Observations are begun about 7.40 o'clock, 75th meridian time.

† By dial when self-register is out of order. †† T indicates trace of precipitation. U, upper clouds. L, lower clouds.

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ORIGINAL MONTHLY RECORD OF OBSERVATIONS at Fort Wayne, Indiana, for the Month of March, 1920.

Date.	Temperature. Maximum. (b)	Minimum. (b)	Range. (b)	Change. (b)	Mean (max. and min.). (b)	Normal.	Departure.	Total excess or deficiency since 1st of month.	Precipitation. Character. ‡	Beginning.	Ending.	Character. ‡	Beginning.	Ending.	Character. ‡	Beginning.	Ending.	Character. ‡	Beginning.	Ending.	Total (mid. to mid.). (b) ††	Normal.	Departure.	Total excess or deficiency since 1st of month.	Hail and sleet unmelted. 7 p.m. to 7 p.m.* ‡‡	Snow unmelted. 7 p.m. to 7 p.m.* ‡‡	Hail, sleet, and snow on ground at 7 p.m.* ‡‡	Amount of precipitation from melted snow (mid. to mid.).	Date.
	°	°	°	°	°																In.				In.	In.	In.	In.	
1	39	19	20	9	29																0				0	0	0	0	1
2	49	28	21	9	38																0				0	0	0	0	2
3	52	35	17	6	44																0				0	0	0	0	3
4	45	20	25	12	32				R	2:00 a	6:25 a	R	7:55 a	7:05 p	Sm	7:05 p	---				ϕ .79				0	0	0	ϕ .01	4
5	21	12	9	16	16				Sm	---	5:55 a	Sd	7:09 p	D.N.p							ϕ .01				0	0.2	T	ϕ .01	5
6	19	10	9	2	14				Sd	D.N.a	6:30 a	Sd	10:25 a	10:50 a	Sd	9:09 p	---				T				0	T	T	T	6
7	16	7	9	2	12				Sd	---	D.N.a	Sd	D.N.a	5:50 a							T				0	T	T	T	7
8	33	10	23	10	22																0				0	0	T	0	8
9	50	28	22	17	39																0				0	0	0	0	9
10	45	38	11	5	44				R	3:00 p	---										ϕ .05				0	0	0	0	10
11	57	44	13	6	50				R	---	D.N.a	R	9:45 a	11:05 a	R	5:30 p	6:20 p	R.	7:18 p	---	ϕ .31				0	0	0	0	11
12	56	24	32	10	40				R	---	D.N.a	R.	8:45 a	11:05 a							.05				0	0	0	0	12
13	29	20	9	16	24				Sd	D.N.a	8:30 a	Sd	9:35 a	9:40 a							.01				0	0.1	T	.01	13
14	47	22	25	10	34																0				0	0	0	0	14
15	58	39	19	14	48				R	4:05 p	5:45 p	R	8:48 p	D.N.p							T				0	0	0	0	15
16	54	35	19	4	44																0				0	0	0	0	16
17	35	26	9	14	30																0				0	0	0	0	17
18	37	26	11	2	32				Sm	1:50 p	3:10 p	Sl.	5:40 p	6:30 p	Sl.	11:00 p	---				ϕ T				T	T	0	T	18
19	41	28	13	2	34				Sl.	---	D.N.a	R	D.N.a	6:15 a	R	2:00 p	3:55 p	Sm	2:55	D.N.p	.18				ϕ T	ϕ 0.2	0.2	ϕ .05	19
20	47	24	23	2	36																0				0	0.1	0	0	20
21	52	30	22	5	41																0				0	0	0	0	21
22	63	39	24	10	51																0				0	0	0	0	22
23	67	44	23	5	56																0				0	0	0	0	23
24	64	47	17	0	56																0				0	0	0	0	24
25	69	54	15	6	62				R	12:30 a	4:45 a	R	8:30 a	8:45 a	R	2:05 p	4:20 p				.06				0	0	0	0	25
26	62	43	19	10	52				R	D.N.a	7:50 a	R	10:07 a	12:50 p							.09				0	0	0	0	26
27	62	35	27	4	48																0				0	0	0	0	27
28	70	50	20	12	60				R	8:55 a	9:25 a	R	5:00 p	6:05 p							.22				0	0	0	0	28
29	50	36	14	17	43				R	D.N.a	D.N.a										.01				0	0	0	0	29
30	64	37	27	7	50																0				0	0	0	0	30
31	73	48	25	10	60																0				0	0	0	0	31
S	1530	958	572	254	1241		Total excess or deficiency since January 1,		(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	2.55		Total excess or deficiency since January 1,		T	0.6	(a)	(a)	(a)
M	49.4	30.9	18.5	8.2	40.0	(a)			(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)			(a)	(a)	(a)	(a)	(a)

All data are in the standard of time in local use. ‡ Use the following abbreviations: R—rain, Sd—dry snow, Sm—moist snow, H—hail, Sl—sleet. †† T indicates trace of precipitation. ‡‡ Enter the local standard time of observation. * Inches and tenths.

ϕ Estimated. ϕ melted as it fell until 6:15 p.m.

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SUMMARY FOR THE MONTH OF March, 1920

The 8 a.m. and 8 p.m. means of pressure, dry and wet thermometers, dew-point, humidity, vapor pressure, and mean cloudiness are in 75th meridian time. All other data are in the standard of time in local use.

PRESSURE.

(Correction to reduce to a 24-hour mean -.005.)

STATION. Mean. 8 a.m.	8 p.m.	Monthly. (g)	Highest. (h)	Date.	Lowest. (h)	Date.	Absolute range.
29.040	29.011	29.026	29.490	17	28.270	28	1.220
Corrected mean		29.021					

REDUCED. Mean. 8 a.m.	8 p.m.	Monthly. (g)	Highest. (h)	Date.	Lowest. (h)	Date.	Absolute range.
29.985	29.950	29.968	30.45	17	29.17	28	1.28
Corrected mean		29.963	3,500-ft			10,000-ft	

TEMPERATURE.

Mean. Dry. 8 a.m.	8 p.m.	(8+8)÷2 (g)	Wet. 8 a.m.	8 p.m.	Monthly. (g)	Max.	Min.	Monthly. (g)	Sea-level. (g)	3,500-ft. (g)	10,000-ft. (g)	Highest. (i)	Date. (i)	Lowest. (i)	Date. (i)	Absolute range.	Greatest daily range. (i)	Date. (i)	Least daily range. (i)	Date. (i)
35.0	43.2	39.1	31.8	37.4	34.6	49.4	30.9	40.2				73	31	7	7	66	32	12	9	17

Dew-point. 8 a.m.	8 p.m.	Monthly. (g)	Relative Humidity. 8 a.m.	8 p.m.	Monthly. (g)	Vapor Pressure. 8 a.m.	8 p.m.	Monthly. (g)
27.0	29.5	28.2	72.7	59.7	66.0	.159	.181	.170

Number of days with—(j) Maximum. 32° or below.	90° or above.	Minimum. 32° or below.	Zero or below.
4	0	16	0

CLOUDS.

Most frequent clouds: St. Cu.

Most frequent direction upper clouds: W

Most frequent direction lower clouds: SW

WIND.

Total movement (mid. to mid.).	Average hourly velocity.	Prevailing direction. (p)	Maximum velocity. (r)	Direction. (r)	Date. (r)	Number of times wind observed from the— N.	NE.	E.	SE.	S.	SW.	W.	NW.	Calm.
10448	14.0	SW	44	S	26	3	0	4	8	11	17	9	10	0

WEATHER.

Mean Cloudiness. 8 a.m.	8 p.m.	Monthly. (t)	Sunshine. Percentage of possible.	Number of Days. Clear.	Partly cloudy.	Cloudy.	Number of Days with Precipitation (Mid. to Mid.). Clear. (u)	Partly cloudy. (u)	Cloudy. (u)
5.2	4.4	5.5	57	10	9	12	1	2	9

MISCELLANEOUS PHENOMENA.

DATES OF—(MIDNIGHT TO MIDNIGHT).

Frosts. Light.	Heavy.	Killing.	Thunderstorms. (v)	Winds. (40 miles or over.)	Solar Halos.	Lunar Halos.	Fog. Light.	Dense.	Haze. Light.	Dense.	Smoke. Light.	Dense.	Hail.	Aurora.
—	—	—	15, 28,	26, 29,	0	0	0	10, 11, 19	0	0	0	0	0	22

PRECIPITATION (in inches and hundredths). (m)

Total amount.	Greatest amount in 24 consecutive hours. Amt.	Date. (k)	Excessive. 2.50 inches in 24 hours. (l) * Amt.	Duration. h. m.	Date. (k)	1 inch per hour. (l) Amt.	Duration. h. m.	Date. (k)	Number of days with—(Mid. to Mid.). Trace.	.01 or more.	.04 or more.	.25 or more.	1.00 or more.	Total.	Snow. Trace or more.	.01 or more melted.	Snow. Total depth. (o)	Average depth at end of month.
2.55	① 0.80	4-5	0			0			3	12	9	3	0	15	7	4	0.6	0

(w) Maximum precipitation in 5 minutes —, date —; 10 minutes —, date —; 15 minutes —, date —;

30 minutes —, date —; 1 hour —, date —; 2 hours —, date —.

① Estimated total accumulated from 2 am. of 4th to 2 am. of 5th

EXCESSIVE.

Date.	Total Duration. From—	To—	Total amount of precipitation.	Excessive Rate. Began—	Ended—	Amt. before excessive began.	Accumulated Depths During Excessive Rate for Consecutive Periods of Time Indicated Below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Tipping buckets rain gage not operated during month.

* The duration is the time precipitation was actually recorded.

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Prepared by A. C. Rheinfrank

P. McDonough, Meteorologist, Weather Bureau.

(9)

ORIGINAL MONTHLY RECORD OF OBSERVATIONS at Fort Wayne, Ind., for the Month of March, 1920.

Number of Station barometer, 656; sum of corrections, -.009 inch.

SPECIAL OBSERVATIONS.

Date.	Time. 75th mer.	Time. Local (standard).	Barometer. Attached thermometer.	Barometer. Observed reading.	Barometer. Total correction.	Barometer. Station. (Observed reading plus total cor.)	Barometer. Reduced to sea-level.	Thermometers. Dry.	Thermometers. Wet.	Dew-point.	Depression of the dew-point.	Relative humidity.	Maximum thermometer.	Wind. Direction.	Wind. Velocity. †	Wind. Max. since last observation.	Wind. Direction.	Precipitation. ††	Clouds. Amt.	Clouds. Kind.	Clouds. Dir. from.	State of Weather.	Special Phenomena.	Initials of Observer.	Date.
4	1 p.m. 50	12 noon	74.0	28.884	-.128	28.756	29.69	41.0	39.0	37	4	84	44.0	S	13			.40	10	Nb.	SR	Lt. Rain	Ordered C.70.	P.M.D.	4
15	1 p.m. 00	12 noon	72.0	28.840	-.124	28.716	29.64	55.0	49.0	43	12	65	55.9	SW	26	34	S	0	10	St. Cu.	SW	Cloudy	ordered C.70	P.M.D.	15
17th	10 pm 00	9 pm 00				29.490	30.45	29.0																	17th
28th	6 p.m. 15	5 pm 15				28.270	29.17	66.0																	28th

If additional space is required, rule a sheet similar to this, and paste to this margin. † By dial when self-register is out of order. †† T indicates trace of precipitation.

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ORIGINAL MONTHLY RECORD OF OBSERVATIONS at ....., *for the Month of* ....., *192*

Wind—Number of Miles and Length of Time From. (*Standard of time in local use,* ..... *meridian.*)

DATE.	N.		NE.		E.		SE.		S.		SW.		W.		NW.		CALM.		TOTAL.	
	MILES.	HOURS.	MILES.	HOURS.	MILES.	HOURS.	MILES.	HOURS.	MILES.	HOURS.	MILES.	HOURS.	MILES.	HOURS.	MILES.	HOURS.	MILES.	HOURS.	MILES.	HOURS.
1																				
2																				
3																				
4																				
5																				
6																				
7																				
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24																				
25																				
26																				
27																				
28																				
29																				
30																				
31																				
SUM.																				
PERCENTAGE																			*a*	*a*
AVG. HOURLY VELOCITY		*a*		*a*		*a*		*a*		*a*		*a*		*a*		*a*		*a*		*a*

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Form No. 1001—Met'l.

U. S. DEPARTMENT OF AGRICULTURE,

WEATHER BUREAU.

ORIGINAL MONTHLY RECORD

OF

OBSERVATIONS

AT

Fort Wayne, Ind

For the Month of April, *1920*

*Station is supplied with a barograph, thermograph, sunshine recorder, and self-recording rain gage.

†No. of dry thermometer in use, ____; No. of wet thermometer in use, ____; No. of maximum thermometer in use, ____; No. of minimum thermometer in use, ____

†Elevation above ground of the dry thermometer, ____ feet; rain gage, ____ feet; anemometer, ____ feet.

If the office has been moved during the month, give date ____; amount of change in height of barometer, ____ feet (higher or lower).

No. of extra barometer, 675; sum of corrections, -.017; date and observation upon which use of station barometer commenced, May 20, 1911 7:00 am, station elevation, 856 feet; actual elevation, 856 feet.

Location of office: Number Corner Berry & Calhoun streets, rooms 911-12 Schaff Bldg; first observation taken in present office, 7:00 a m. May 20, 191 1

*Cancel words that are not appropriate. †To be entered only in December unless changes are made during the year. Changes made during the year will be noted in the appropriate months. 8—152

ORIGINAL MONTHLY RECORD OF OBSERVATIONS at Fort Wayne, Ind., for the Month of April, 1920

Number of Station barometer, 656; sum of corrections, -.009 inch.

OBSERVATIONS AT 8 A. M. 75TH MERIDIAN TIME, WHICH CORRESPONDS TO 7:00 A. M. 90" MERIDIAN TIME, THE STANDARD OF TIME IN LOCAL USE; 7:19 A. M. LOCAL MEAN TIME.

Date.	Barometer. Attached thermometer.	Barometer. Observed reading.	Barometer. Total correction.	Barometer. Station. (Observed reading plus total cor.) (b)	Barometer. Reduced to sea-level. (b)	Thermometers. Dry. (b)	Thermometers. Wet. (b)	Dew-point. (b)	Relative humidity. (b)	Vapor pressure. (b)	Self-reg. ther's. Max. (b)	Self-reg. ther's. Min. (b)	Wind. Dir.	Wind. Velocity. (b) †	Wind. Max. during preceding 12 hours.	Wind. Dir.	Precipitation. Amt. at 8 a. m. (b) ††	Clouds. Amt.	Clouds. Kind.	Clouds. Dir. from.	State of Weather.		Initials of observer.	Date.
		In.		In.	In.	°	°	°	%	In.	°	°		Mi.	Mi.		In.							
1	72.0	28.888	-.123	28.765	29.67	56.3	51.4	48	72	.334	64.0	51.9	SE	11			0	10	St Cu	SW	Cloudy		HCR	1
2	71.0	28.583	.118	28.465	29.36	52.2	48.2	44	75	.287	63.5	52.2	SW	27	30	SW	.24	5	St Cu	SW	Cloudy		HCR	2
3	64.5	29.237	-.104	29.133	30.07	35.3	30.0	21	52	.108	42.0	33.4	SW	11	29	SW	0	5	St	SW	(Threatening)		HCR	3
4	65.0	28.900	-.104	28.796	29.74	32.0	31.5	31	95	.172	41.4	30.1	NE	24	[illegible]	E	.10	2 / 10	A Cu / St	W / NE	Cloudy / Lt. Snow		HCR	4
5	59.0	28.825	-.088	28.737	29.69	21.8	20.0	16	75	.085	27.8	20.2	NW	20			.10	10	St	NW	Lt. Snow		HCR	5
6	60.0	28.927	-.091	28.836	29.79	25.8	23.8	20	75	.103	26.0	21.2	S	9			0	5 / 4	A Cu / A St	W / W	Cloudy		HCR	6
7	58.5	29.025	-.087	28.938	29.89	28.0	24.8	18	64	.093	34.8	25.7	W	15			0	0	0	0	Clear		HCR	7
8	62.5	29.137	-.098	29.039	29.99	27.2	23.9	17	62	.089	33.1	25.0	W	12			T	2	St Cu	NW	Clear		HCR	8
9	66.5	29.146	-.109	29.037	29.99	30.3	27.8	23	73	.118	37.0	26.6	N	4			0	0	0	0	Clear		HCR	9
10	66.0	29.260	-.108	29.152	30.10	30.0	26.7	21	64	.108	35.0	26.1	SE	2			0	2 / 4 / 2	Ci St / A Cu / A St	NW / NW / NW	Cloudy		HCR	10
11	66.0	29.200	-.108	29.092	30.03	36.8	32.2	25	61	.130	44.7	34.5	S	8			0	10	A St	W	Cloudy		HCR	11
12	67.0	28.831	-.109	28.722	29.64	38.3	37.2	36	90	.211	56.8	38.3	NE	13			.09	10	St	NE	Lt. Rain		HCR	12
13	65.0	29.029	-.104	28.925	29.87	29.3	27.1	24	76	.124	31.8	22.3	NW	11			0	10	St Cu	NW	Cloudy		HCR	13
14	63.0	29.083	-.099	28.984	29.93	34.5	31.2	26	70	.136	40.0	30.9	SW	12			0	Few	A Cu	W	Clear		HCR	14
15	64.5	28.923	-.103	28.820	29.74	44.7	40.2	35	68	.203	46.0	40.5	S	11			.01	10	St Cu	W	Cloudy		HCR	15
16	67.0	28.831	-.109	28.722	29.64	38.5	37.0	35	88	.203	53.0	37.3	NE	18			.54	10	St	E	Lt. Rain		HCR	16
17	66.0	29.004	-.107	28.897	29.84	41.0	36.4	30	64	.164	41.0	35.0	NE	8			.03	1	Ci St	NW	Clear		HCR	17
18	67.0	29.296	-.111	29.185	30.11	40.0	37.4	34	79	.195	49.2	39.0	E	14			T	10	Nb	E	Sprinkling		PMCP	18
19	65.0	29.244	-.105	29.139	30.08	39.8	36.5	32	74	.180	45.0	37.9	E	13			T	5 / 5	A St / St Cu	E / E	Cloudy		HCR	19
20	67.0	28.896	-.110	28.786	29.71	47.4	46.2	45	92	.298	48.6	42.7	E	11	33	W	.52	3 / 7	A St / St Cu	SW / SW	Cloudy		HCR	20
21	68.0	28.868	-.112	28.756	29.67	48.1	47.0	46	92	.310	62.4	48.1	W	12			.57	10	St	W	Misting		HCR	21
22	72.0	28.918	-.123	28.795	29.70	62.2	58.2	55	79	.432	66.5	55.9	S	8			T	2 / 8	St Cu / St	W / SW	Cloudy		HCR	22
23	69.0	28.741	-.114	28.627	29.54	47.0	43.8	41	78	.256	58.2	45.2	SW	24	38	SW	.05	10	St	W	Lt Rain		HCR	23
24	67.0	29.329	-.111	29.218	30.15	41.3	38.6	35	79	.203	45.0	37.7	N	7			0	Few	A Cu	NW	Clear		HCR	24
25	67.0	29.450	-.111	29.339	30.28	41.1	37.5	33	72	.187	53.0	37.5	E	10			0	4 / 1	Ci St / A Cu	W / W	Pt Cloudy		[illegible]	25
26	65.0	29.150	-.105	29.045	29.98	38.7	34.2	28	64	.150	48.2	36.2	NE	13			0	6 / 4	A St / St Cu	W / E	Cloudy		[illegible]	26
27	66.5	28.850	-.108	28.742	29.66	44.2	42.5	41	87	.256	49.0	44.2	W	12			T	10	St	W	Cloudy (Threatening)		HCR	27
28	64.5	28.850	-.103	28.747	29.68	40.5	38.5	36	84	.211	42.0	39.2	W	21			.03	10	St	W	Lt. Rain		HCR	28
29	64.0	29.161	-.102	29.059	30.00	44.3	39.3	33	64	.187	49.5	38.4	SW	8			0	0	0	0	Clear		[illegible]	29
30	69.0	29.008	-.115	28.893	29.81	50.0	49.0	48	93	.334	59.2	46.6	E	7			.39	10	Nb	E	Lt. Rain		[illegible]	30
31																								31
Sums		(a)	(a)	867.391	895.35	1186.6	1098.1	977	2261	5.867	(a)	(a)	(a)	376	(a)	(a)	2.67	224	(a)	(a)	(a)		(a)	(a)
Means		(a)	(a)	28.913	29.845	39.6	36.6	32.6	75.4	.196	(a)	(a)	(c) NE E. SW. W	12.5	(a)	(a)	(a)	7.5	U: A Cu / L: St	U: W / L: W	(a)		(a)	(a)

Reference letters in this form refer to paragraph 121, "Instructions for Preparing Meteorological Forms."

† By dial when self-register is out of order.

†† T indicates trace of precipitation.

U, upper clouds. L, lower clouds.

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ORIGINAL MONTHLY RECORD OF OBSERVATIONS at Fort Wayne, Ind, for the Month of April, 1920

Number of Station barometer, 656; sum of corrections, -.009 inch.

OBSERVATIONS AT 8 P. M. 75TH MERIDIAN TIME, WHICH CORRESPONDS TO 7:00 P. M. 90" MERIDIAN TIME, THE STANDARD OF TIME IN LOCAL USE; 7:19 P. M. LOCAL MEAN TIME.

Date.	Barometer. Attached thermometer.	Barometer. Observed reading.	Barometer. Total correction.	Barometer. Station. (Observed reading plus total cor.)	Barometer. Reduced to sea-level.	Thermometers. Dry.	Thermometers. Wet.	Dew-point.	Relative humidity.	Vapor pressure.	Self-reg. ther's. Max.	Self-reg. ther's. Min.	Wind. Dir.	Wind. Velocity.	Wind. Max. during preceding 12 hours.	Wind. Dir.	Precipitation. Amt. at 8 p. m.	Clouds. Amt.	Clouds. Kind.	Clouds. Dir. from.	State of Weather.	Fog, Mid. to Mid. (local standard time). Light.	Fog, Mid. to Mid. (local standard time). Dense.	Initials of observer.	Date.
		In.		In.	In.	°	°	°	%	In.	°	°		Mi.	Mi.		In.								
1	73.0	28.663	-.124	28.539	29.44	63.5	57.5	54	70	.417	71.8	56.3	S	14	34	S	0	2 3	AST Stcu	SW SW	Pt Cloudy			PMCD	1
2	70.0	28.954	.118	28.836	29.76	42.0	34.4	23	44	.118	52.2	38.4	SW	20	48	[illegible]	T	1	Cu	W	Clear			PMCD	2
3	69.0	29.190	-.116	29.074	30.01	41.4	33.8	22	43	.113	45.0	35.3	NE	12			0	10	St	NE	Cloudy			PMCD	3
4	63.0	28.557	-.098	28.459	29.39	27.8	27.6	27	98	.143	33.0	27.8	N	14	31	NE	.28	10	Nb	N	Lt Snow			[illegible]	4
5	65.5	28.960	-.106	28.854	29.81	26.0	22.4	14	57	.077	28.0	21.8	W	8			T	Few	St	W	Clear			PMCD	5
6	68.5	28.866	-.113	28.753	29.69	34.8	32.0	28	74	.150	36.0	25.8	SW	8			.03	8 2	Cst St.Cu.	W SW	Cloudy			PMCD	6
7	67.0	29.052	-.110	28.942	29.89	33.1	28.0	19	51	.098	37.0	28.0	NW	11	37	W	0	1	St.	NW	Clear			PMCD	7
8	69.0	29.052	-.115	28.937	29.89	37.0	31.2	22	51	.113	41.6	27.2	NW	10	27	W	0	1	StCu	NW	Clear			PMCD	8
9	73.0	29.212	-.126	29.086	30.04	35.0	29.8	21	53	.108	38.7	30.3	N	7			0	1	AST	W	Clear			PMCD	9
10	70.5	29.194	-.120	29.074	30.02	44.7	36.7	25	45	.130	46.8	30.0	SE	2			0	8 2	AST Smoke	W SE	Cloudy			PMCD	10
11	67.0	29.000	-.110	28.890	29.82	56.8	44.8	31	36	.172	59.6	36.8	SW	4			0	5 5	AST StCu	W SW	Cloudy			HCR	11
12	70.5	28.892	-.119	28.773	29.71	34.5	29.0	25	74	.130	38.3	28.0	N	12	29	NE	.14	9	StCu	N	Cloudy			PMCD	12
13	70.0	29.062	-.118	28.944	29.89	40.0	34.6	27	58	.143	40.0	29.3	W	5			0	8	StCu	W	Cloudy			PMCD	13
14	67.5	29.016	-.111	28.905	29.84	46.0	38.8	29	51	.157	49.0	34.5	SW	8	26	W	0	3	AST.	NW	Clear			PMCD	14
15	68.0	28.792	-.112	28.680	29.60	53.0	50.8	49	87	.347	59.4	44.7	SW	12			.05	10	St	SW	Cloudy			PMCD	15
16	71.0	28.782	-.119	28.663	29.60	35.7	33.7	31	82	.172	39.2	35.0	NE	20	30	NE	.22	10	Nb	NE	Lt Rain			PMCD	16
17	72.5	29.220	-.125	29.095	30.04	49.2	42.1	34	55	.195	54.2	41.0	E	9	25	NE	0	6 1	Ci.St St	NW E	Pt Cloudy			PMCD	17
18	66.5	29.302	-.109	29.193	30.13	45.0	42.2	39	80	.237	45.6	40.0	E	10			.38	10	St.	E	Cloudy			PMCD	18
19	70.0	29.114	-.118	28.996	29.94	48.6	45.1	42	77	.266	50.0	39.8	E	12			.10	10	St.	E	Cloudy			PMCD	19
20	70.0	28.723	-.117	28.606	29.52	62.4	60.2	59	88	.499	65.4	47.4	SE	10	26	SE	.36	10	St.Cu	S	Cloudy			PMCD	20
21	73.0	28.950	-.125	28.825	29.73	66.5	59.0	54	64	.417	70.8	47.3	S	5			T	Few	St.	S	Clear			PMCD	21
22	75.0	28.790	-.130	28.660	29.57	58.2	46.2	32	38	.180	77.0	55.0	W	16	36	S	.04	1	Cu	W	Clear			PMCD	22
23	71.0	29.072	-.120	28.952	29.88	45.0	42.3	40	81	.247	49.9	44.0	W	15			.14	10	St.Cu	NW	Cloudy			PMCD	23
24	76.5	29.426	-.137	29.289	30.23	53.0	44.0	34	47	.195	56.8	41.3	NW	5			0	Few	St.	NW	Clear			[illegible]	24
25	72.0	29.363	-.124	29.239	30.17	48.2	40.2	30	48	.164	52.8	41.1	E	10			0	4	ACu	NW	Pt Cloudy			HCR	25
26	69.0	28.905	-.115	28.790	29.72	45.3	44.0	43	91	.277	50.2	38.7	E	10			.20	10	St	E	Cloudy			C.O.S.	26
27	70.5	28.879	-.119	28.760	29.68	42.0	40.0	38	85	.228	44.6	41.4	SW	10			.02	10	Nb	SW	Sprinkling			PMCD	27
28	65.5	28.976	-.106	28.870	29.80	49.5	42.4	34	55	.195	50.6	40.5	W	9	30	SW	.04	10	StCu	NW	Cloudy			PMCD	28
29	68.0	29.192	-.113	29.079	30.01	59.2	47.9	36	42	.211	62.2	44.3	W	5			0	6 2	AST St	SW W	Cloudy			PMCD	29
30	71.5	29.220	-.122	29.098	30.03	46.2	43.1	40	78	.247	59.2	43.4	NW	8			.01	9	St.Cu	NW	Cloudy			PMCD	30
31																									31
Sums	(a)	(a)	(a)	866.861	894.85	1366	1203.8	1002	1903	6.146	(a)	(a)	(a)	301	(a)	(a)	2.01	196	(a)	(a)	(a)	0	0	(a)	(a)
Means	(a)	(a)	(a)	28.895	29.828	45.6	40.1	33.4	63.4	.205	(a)	(a)	(c) SW W	10.0	(a)	(a)	(a)	6.5	U AST L St.	U W L NW	(a)	(a)	(a)	(a)	(a)

Observations are begun about 7.40 o'clock, 75th meridian time.

† By dial when self-register is out of order. †† T indicates trace of precipitation. U, upper clouds. L, lower clouds.

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ORIGINAL MONTHLY RECORD OF OBSERVATIONS at Fort Wayne, Ind., for the Month of April, 1920

Date.	Temperature. Maximum. (b)	Minimum. (b)	Range. (b)	Change. (b)	Mean (max. and min.). (b)	Normal.	Departure.	Total excess or deficiency since 1st of month.	Precipitation. Character.‡	Beginning.	Ending.	Character.‡	Beginning.	Ending.	Character.‡	Beginning.	Ending.	Character.‡	Beginning.	Ending.	Total (mid. to mid.). (b) ††	Normal.	Departure.	Total excess or deficiency since 1st of month.	Hail and sleet unmelted. 7 p.m. to 7 p.m. *‡‡	Snow unmelted. 7 p.m. to 7 p.m. *‡‡	Hail, sleet, and snow on ground at 7 p.m. *‡‡	Amount of precipitation from melted snow (mid. to mid.).	Date.
																					In.				In.	In.	In.	In.	
Thursday 1	72°	52°	20°	2°	62°																				0	ϕ 0	0	0	1
2	60	35	25	14	48				R	4:00a	DNa	R	8:57a	9:03a	Sm	4:08p	5:15p				.24				0	T	0	T	2
3	45	31	14	10	38				Sm	7:08p	Contd										.01				0	0	0	.01	3
4	33	25	8	9	29				Sm	Contd	DNa	Sd	DNa	Contd							.39				0	4.0 ⊛	3.0	.39	4
5	28	20	8	5	24				Sd	Contd	10:00a										.08				0	1.0	1.0	.08	5
6	36	21	15	4	28				Sd	7:33a	3:40p										.03				0	0.3	0.5	.03	6
7	37	26	11	4	32																0				0	0	T	0	7
8	42	25	17	2	34				Sd	DNa	6:25a										T				0	T	T	T	8
9	39	27	12	1	33																0				0	0	T	0	9
10	47	26	21	3	36																0				0	0	0	0	10
11	60	34	26	11	47																0				0	0	0	0	11
12	51	24	27	9	38				R	DNa	DNa	R	DNa	11:30a	Sm	11:30a	5:00p				.23				0	⊛ 0.3	T	.03	12
13	40	22	18	7	31																0				0	0	0	0	13
14	49	31	18	9	40																0				0	0	0	0	14
15	59	40	19	10	50				R	DNa	DNa	R	7:10a	7:30a	R	10:10a	12:15p	R R	3:20p 8:52p	6:15p Contd	.35				0	0	0	0	15
16	40	35	5	12	38				R	Contd	DNp										.50				0	0	0	0	16
17	54	39	15	8	46																0				0	0	0	0	17
18	46	39	7	4	42				R	5:55a	2:45p	R	3:35p	3:55p							.38				0	0	0	0	18
19	50	38	12	2	44				R	DNa	DNa	R	9:50a	1:10p							.10				0	0	0	0	19
20	65	43	22	10	54				H R	4:40a 4:20a	4:45a 6:05a	R	8:10a	1:30p	R	4:35p	6:25p	R	7:20p	Contd	1.44				0.1	0	0	0	20
21	71	47	24	5	59				R	Contd	DNa	R	DNa	7:15a							.01				0	0	0	0	21
22	77	52	25	5	64				R	4:45a	4:50a	R	2:50p	4:40p	R	5:18p	5:25p				.04				0	0	0	0	22
23	55	41	14	16	48				R	DNa	11:40a										.19				0	0	0	0	23
24	57	38	19	0	48																0				0	0	0	0	24
25	53	37	16	3	45																0				0	0	0	0	25
26	50	36	14	2	43				R	10:10a	10:27a	R	12:56p	5:45p							.20				0	0	0	0	26
27	49	41	8	2	45				R	DNa	DNa	R	12:10p	12:45p	R	4:10p	4:30p	R R	9:05p 5:15p	DNp 7:15p	.03				0	0	0	0	27
28	51	39	12	0	45				R	DNa	7:45a	R R+H	10:44a 11:10a	11:10a 11:15a	R R+H	11:15a 12:45p	12:45p 12:55p	R	12:35p	3:45p	.06 ~~.07~~				0.1	0	0	0	28
29	62	38	24	5	50																0				0	0	0	0	29
30	59	39	20	1	49				R	DNA	8:16A										.40				0	0	0	0	30
31																													31
S	1537	1041	496	195	1290		Total excess or deficiency since January 1,		(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	4.68		Total excess or deficiency since January 1,		0.2	5.6	(a)	(a)	(a)
M	51.2	34.7	16.5	5.8	43.0	(a)			(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)			(a)	(a)	(a)	(a)	(a)

All data are in the standard of time in local use. ‡ Use the following abbreviations: R—rain, Sd—dry snow, Sm—moist snow, H—hail, Sl—sleet. †† T indicates trace of precipitation. ‡‡ Enter the local standard time of observation. * Inches and tenths.

ϕ Melted as it fell
⊛ Partially melted as it fell

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SUMMARY FOR THE MONTH OF April, 1920

The 8 a.m. and 8 p.m. means of pressure, dry and wet thermometers, dew-point, humidity, vapor pressure, and mean cloudiness are in 75th meridian time. All other data are in the standard of time in local use.

PRESSURE.

(Correction to reduce to a 24-hour mean -.005.)

STATION.								REDUCED.							
Mean.			Highest. (h)	Date.	Lowest. (h)	Date.	Absolute range.	Mean.			Highest. (h)	Date.	Lowest. (h)	Date.	Absolute range.
8 a.m.	8 p.m.	Monthly. (g)						8 a.m.	8 p.m.	Monthly. (g)					
28.918	28.895	28.904	29.370	25	28.380	4	0.990	29.845	29.828	29.836	30.32	25	29.31	4	1.01
Corrected mean		28.899						Corrected mean		29.831	3,500-ft			10,000-ft	

TEMPERATURE.

Mean. Dry. 8 a.m.	Dry. 8 p.m.	Dry. (8+8)÷2 (g)	Wet. 8 a.m.	Wet. 8 p.m.	Wet. Monthly. (g)	Max.	Min.	Monthly. (g)	Sea-level. (g)	3,500-ft. (g)	10,000-ft. (g)	Highest. (i)	Date. (i)	Lowest. (i)	Date. (i)	Absolute range.	Greatest daily range. (i)	Date. (i)	Least daily range. (i)	Date. (i)
39.6	45.6	42.6	36.6	40.1	38.4	51.2	34.7	43.0				77	22	20	5	57	27	12	5	16

Dew-point. 8 a.m.	Dew-point. 8 p.m.	Dew-point. Monthly. (g)	Relative humidity. 8 a.m.	Relative humidity. 8 p.m.	Relative humidity. Monthly. (g)	Vapor pressure. 8 a.m.	Vapor pressure. 8 p.m.	Vapor pressure. Monthly. (g)
32.6	33.4	33.0	75.4	63.4	69.4	.196	.205	.200

Number of days with—(j) Maximum. 32° or below.	Maximum. 90° or above.	Minimum. 32° or below.	Minimum. Zero or below.
1	0	11	0

CLOUDS.

Most frequent clouds St. Cum.

Most frequent direction upper clouds W

Most frequent direction lower clouds W

WIND.

Total movement (mid. to mid.).	Average hourly velocity.	Prevailing direction. (p)	Maximum velocity. (r)	Direction. (r)	Date. (r)	Number of times wind observed from the— N.	NE.	E.	SE.	S.	SW.	W.	NW.	Calm.
9358	13.0	SW	48	SW	2	5	7	10	4	6	11	11	6	0

WEATHER.

Mean cloudiness. 8 a.m.	8 p.m.	Monthly. (t)	Sunshine. Percentage of possible.	Number of days. Clear.	Partly cloudy.	Cloudy.	Number of days with precipitation (mid. to mid.). Clear. (u)	Partly cloudy. (u)	Cloudy. (u)
7.5	6.5	8.1	44	2	7	21	1	1	16

MISCELLANEOUS PHENOMENA.

DATES OF—(MIDNIGHT TO MIDNIGHT).

Frosts. Light.	Heavy.	Killing.	Thunderstorms. (v)	Winds. (40 miles or over.)	Solar halos.	Lunar halos.	Fog. Light.	Dense.	Haze. Light.	Dense.	Smoke. Light.	Dense.	Hail.	Aurora.
24,25	0	5,6,7,8,9,10 13,14	2,20,22	2	1,3,5,6 10,19,25 29	1	0	0	0	0	10	0	20,28	0

PRECIPITATION (in inches and hundredths). (m)

Total amount.	Greatest amount in 24 consecutive hours. Amt.	Date. (k)	Excessive. 2.50 inches in 24 hours. (l) * Amt.	Duration. h. m.	Date. (k)	1 inch per hour. (l) Amt.	Duration. h. m.	Date. (k)	Number of days with—(mid. to mid.). Trace.	.01 or more.	.04 or more.	.25 or more.	1.00 or more.	Total.	Snow. Trace or more.	.01 or more melted.	Snow. Total depth. (o)	Average depth at end of month.
4.68	1.44	20	0			0			1	18	14	6	1	19	7	5	5.6	0

(w) Maximum precipitation in 5 minutes .23, date 20; 10 minutes ~~.30~~ .28 date 20; 15 minutes .31, date 20; 30 minutes .37, date 20; 1 hour .46, date 20; 2 hours .57, date 20.

EXCESSIVE.

Date.	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amt. before excessive began.	Accumulated depths during excessive rate for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

The tipping bucket rain gage put in use at 1:50 p.m. of 10th

* The duration is the time precipitation was actually recorded.

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Prepared by C. E. Schick

P. M. Donough Meteorologist, Weather Bureau.

(9)

ORIGINAL MONTHLY RECORD OF OBSERVATIONS at Fort Wayne, Ind, for the Month of April, 1920

Number of Station barometer, 656; sum of corrections, −.009 inch.

SPECIAL OBSERVATIONS.

Date.	Time. 75th mer.	Time. Local (standard).	Barometer. Attached thermometer.	Barometer. Observed reading.	Barometer. Total correction.	Barometer. Station. (Observed reading plus total cor.)	Barometer. Reduced to sea-level.	Thermometers. Dry.	Thermometers. Wet.	Dew-point.	Depression of the dew-point.	Relative humidity.	Maximum thermometer.	Wind. Direction.	Wind. Velocity. †	Wind. Max. since last observation.	Wind. Direction.	Precipitation. ††	Clouds. Amt.	Clouds. Kind.	Clouds. Dir. from.	State of Weather.	Special Phenomena.	Initials of Observer.	Date.
12	1:00 p.m.	12:00 M	68.0	28.784	-.112	28.672	29.61	33.5	32.5	32	2	90	38.3	NE	22	29	NE	.11	10	Nb.	NE	Lt. Snow	By Order C.O	ACR	12
23	12:00 Noon	11:00 a.m.	68.5	28.793	-.113	28.680	29.60	46.5	44.5	42	4	86	47.0	W	22	28	SW	.14	10	St.	W	Lt. Rain	By Order C.O	ACR	23
26	1:00 p	12:00 M	71.0	28.949	-.120	28.829	29.75	48.5	42.0	34	14	58	48.6	E	20	20	E	T	6	ACu	W	Pt. Cloudy	By order C.O	ACR	26
28	12:00 M	11:00 a	65.0	28.903	-.104	28.799	29.72	46.1	41.0	35	11	64	46.1	W	24	25	W	T	10	St Cu	W	Sprinkling	By order C.O	ACR	28
30	1:05 p	12:05 p	69.0	28.991	.115	28.876	29.81	49.4	47.0	45	4	84	59.2	NE	15			.01	9	St Cu	E	Cloudy	By order C.O	[illegible]	30
4	5:00 pm	4:00 pm				28.380	29.31	30.0																	4
25	11:00 am	10:00 am				29.370	30.32	47.0																	25

If additional space is required, rule a sheet similar to this, and paste to this margin. † By dial when self-register is out of order. †† T indicates trace of precipitation.

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ORIGINAL MONTHLY RECORD OF OBSERVATIONS at ....., for the Month of ....., 192

Wind—Number of Miles and Length of Time From. (Standard of time in local use, ... meridian.)

DATE.	N.		NE.		E.		SE.		S.		SW.		W.		NW.		CALM.		TOTAL.	
	MILES.	HOURS.	MILES.	HOURS.	MILES.	HOURS.	MILES.	HOURS.	MILES.	HOURS.	MILES.	HOURS.	MILES.	HOURS.	MILES.	HOURS.	MILES.	HOURS.	MILES.	HOURS.
1																				
2																				
3																				
4																				
5																				
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25																				
26																				
27																				
28																				
29																				
30																				
31																				
SUM.																				
PERCENTAGE																			*a*	*a*
AVG. HOURLY VELOCITY		*a*		*a*		*a*		*a*		*a*		*a*		*a*		*a*		*a*		*a*

8—154

Form No. 1001—Met'l.

U. S. DEPARTMENT OF AGRICULTURE,

WEATHER BUREAU.

ORIGINAL MONTHLY RECORD

OF

OBSERVATIONS

AT

Fort Wayne, Ind.

For the Month of May, *192 0.*

*Station is supplied with a barograph, thermograph, sunshine recorder, and self-recording rain gage.

†No. of dry thermometer in use, _____; No. of wet thermometer in use, _____; No. of maximum thermometer in use, _____; No. of minimum thermometer in use, _____

†Elevation above ground of the dry thermometer, _____ feet; rain gage, _____ feet; anemometer, _____ feet.

If the office has been moved during the month, give date _____; amount of change in height of barometer, _____ feet (higher or lower).

No. of extra barometer, 675; sum of corrections, -.017; date and observation upon which use of station barometer commenced, May 20, 1911 7:00 a.m., station elevation, 856 feet; actual elevation, 856 feet.

Location of office: Number Corner Berry & Calhoun street, rooms 911-912 Shroff Bldg; first observation taken in present office, 7:00 a m. May 20, 1911.

*Cancel words that are not appropriate. †To be entered only in December unless changes are made during the year. Changes made during the year will be noted in the appropriate months. 8—154

ORIGINAL MONTHLY RECORD OF OBSERVATIONS at Fort Wayne, Ind., for the Month of May, 1920.

Number of Station barometer, 656; sum of corrections, -.009 inch.

OBSERVATIONS AT 8 A. M. 75TH MERIDIAN TIME, WHICH CORRESPONDS TO 7:00 A. M. 90° MERIDIAN TIME, THE STANDARD OF TIME IN LOCAL USE; 7:19 A. M. LOCAL MEAN TIME.

Date.	Barometer. Attached thermometer.	Barometer. Observed reading.	Barometer. Total correction.	Barometer. Station. (Observed reading plus total cor.) (b)	Barometer. Reduced to sea-level. (b)	Thermometers. Dry. (b)	Thermometers. Wet. (b)	Dew-point. (b)	Relative humidity. (b)	Vapor pressure. (b)	Self-reg. ther's. Max. (b)	Self-reg. ther's. Min. (b)	Wind. Dir.	Wind. Velocity. (b) †	Wind. Max. during preceding 12 hours.	Wind. Dir.	Precipitation. Amt. at 8 a. m. (b) ††	Clouds. Amt.	Clouds. Kind.	Clouds. Dir. from.	State of Weather.		Initials of observer.	Date.
		In.		In.	In.	°	°	°	%	In.	°	°		Mi.	Mi.		In.							
1	68.5	29.352	.115	29.237	30.17	41.3	37.3	32	69	.180	46.2	36.0	W	4			0	FEW	A St	W	Clear		P.M.C.D.	1
2	68.0	29.220	.113	29.107	30.04	48.6	41.7	33	55	.187	55.0	45.4	E	2			0	10	St Cu	E	Cloudy		P.M.C.D.	2
3	69.0	29.360	.116	29.244	30.17	38.0	34.6	30	72	.164	52.6	34.8	NE	11			0	0	0	0	Clear		P.M.C.D.	3
4	70.0	29.416	.119	29.297	30.24	45.0	38.9	31	57	.172	54.0	38.8	NE	6			0	0	0	0	Clear		P.M.C.D.	4
5	70.5	29.522	.121	29.401	30.34	43.5	37.5	30	56	.164	55.2	40.0	NE	10			0	0	0	0	Clear		P.M.C.D.	5
6	71.0	29.518	.122	29.396	30.34	47.7	40.1	30	50	.164	58.0	41.3	NE	7			0	7	Ci St	W	Pt. Cloudy		P.M.C.D.	6
7	73.5	29.432	.129	29.303	30.24	52.6	44.1	35	50	.203	61.9	49.7	N	3			0	4 3	Ci St A St Cu	W NE	Cloudy		P.M.C.D.	7
8	73.5	29.350	.128	29.222	30.14	52.2	44.8	37	56	.219	63.1	48.0	N	7			0	1	St	N	Clear		P.M.C.D.	8
9	71.0	29.294	.121	29.173	30.10	49.0	41.0	31	49	.172	61.0	44.9	W	4			0	0	0	0	Clear		P.M.C.D.	9
10	71.5	29.190	.122	29.068	29.99	59.5	49.5	40	48	.247	71.0	54.9	SW	8			T	9	St Cu	SW	Lt. Rain		P.M.C.D.	10
11	72.5	29.165	.125	29.040	29.96	50.5	50.0	50	96	.360	72.2	50.5	SE	7			.32	10	Nb	SE	Lt. Rain		P.M.C.D.	11
12	71.5	29.242	.122	29.120	30.06	45.6	43.1	41	82	.256	47.6	45.2	E	15			0	10	St	E	Cloudy		P.M.C.D.	12
13	70.0	29.192	.118	29.074	30.01	43.3	39.3	34	70	.195	45.7	40.8	NE	18			.04	5 2	Ci St St	W NE	Pt. Cloudy		P.M.C.D.	13
14	67.0	29.524	.111	29.413	30.36	39.4	35.0	29	65	.157	48.0	34.9	N	7			0	0	0	0	Clear		P.M.C.D.	14
15	66.5	29.620	.110	29.510	30.46	41.0	36.0	29	62	.157	50.0	36.5	NE	6			0	0	0	0	Clear		P.M.C.D.	15
16	65.5	29.662	.108	29.554	30.50	45.0	38.0	29	52	.157	53.5	37.6	E	6			0	0	0	0	Clear		P.M.C.D.	16
17	68.5	29.375	.115	29.260	30.20	49.5	48.0	46	90	.310	63.0	48.7	SE	5			.17	10	Nb	SE	Lt. Rain		P.M.C.D.	17
18	68.0	29.246	.113	29.133	30.06	55.3	54.8	54	97	.417	55.3	53.0	S	3			.08	10	Nb	S	Lt. Rain		P.M.C.D.	18
19	68.0	29.036	.112	28.924	29.84	60.4	58.3	57	88	.465	63.0	56.4	S	10			0	10	St Cu	SW	Cloudy		P.M.C.D.	19
20	70.0	29.084	.118	28.966	29.89	62.4	58.8	56	81	.448	69.6	56.4	SW	9			0	FEW FEW	Ci St Cu	NW SW	Clear		P.M.C.D.	20
21	70.0	29.246	.118	29.128	30.05	60.0	53.8	47	67	.347	65.0	54.0	NW	3			0	0	0	0	Clear		P.M.C.D.	21
22	72.5	29.360	.125	29.235	30.16	64.0	54.0	46	52	.310	71.8	55.9	SW	4			0	0	0	0	Clear		P.M.C.D.	22
23	73.0	29.218	.126	29.092	30.00	66.8	57.3	51	56	.373	72.3	63.0	S	12			0	8	St Cu	S	Cloudy		P.M.C.D.	23
24	75.0	29.264	.132	29.132	30.05	60.6	58.1	57	86	.465	72.2	60.0	NE	8			.01	10	St Cu	NE	Cloudy		P.M.C.D.	24
25	74.0	29.242	.129	29.113	30.03	61.2	58.6	57	86	.465	67.4	60.7	NE	11			0	10	St	NE	Cloudy		P.M.C.D.	25
26	75.0	29.300	.132	29.168	30.09	57.0	55.6	53	81	.402	69.0	54.3	E	7			0	2	A St	W	Clear		P.M.C.D.	26
27	76.5	29.273	.136	29.137	30.05	66.6	57.1	55	65	.432	76.0	58.6	E	2			0	7	A St	W	Pt. Cloudy		P.M.C.D.	27
28	78.0	29.312	.140	29.172	30.09	56.0	49.0	43	61	.277	73.0	56.0	NE	22			0	9	St Cu	NE	Cloudy		P.M.C.D.	28
29	75.0	29.312	.132	29.180	30.10	56.8	49.7	44	61	.287	67.4	51.5	E	7			0	6	A St	W	Pt. Cloudy		P.M.C.D.	29
30	74.5	29.252	.130	29.122	30.04	58.4	50.9	44	60	.287	66.0	50.9	E	6			0	5	Ci St.	W	Pt. Cloudy		P.M.C.D.	30
31	77.0	29.264	.137	29.127	30.04	65.0	60.3	58	77	.482	76.0	63.4	S	5			0	10	St. Cu.	S	Cloudy		P.M.C.D.	31
Sums	(a)	(a)	(a)	905.048	933.81	1644.7	1477.2	1311	2097	8.921	(a)	(a)	(a)	235	(a)	(a)	0.62	160	(a)	(a)	(a)		(a)	(a)
Means	(a)	(a)	(a)	29.195	30.123	53.0	47.7	42.3	67.6	.288	(a)	(a)	(c) NE	7.6	(a)	(a)	(a)	5.7	U Ci St. L St. Cu.	U W L NE	(a)		(a)	(a)

Reference letters in this form refer to paragraph 121, "Instructions for Preparing Meteorological Forms."

† By dial when self-register is out of order. †† T indicates trace of precipitation. U, upper clouds. L, lower clouds.

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ORIGINAL MONTHLY RECORD OF OBSERVATIONS at Fort Wayne, Ind., for the Month of May, 1920

Number of Station barometer, 656; sum of corrections, -.009 inch.

OBSERVATIONS AT 8 P. M. 75TH MERIDIAN TIME, WHICH CORRESPONDS TO 7:00 P. M. 90° MERIDIAN TIME, THE STANDARD OF TIME IN LOCAL USE; 7:17 P. M. LOCAL MEAN TIME.

Date.	Barometer. Attached thermometer.	Barometer. Observed reading.	Barometer. Total correction.	Barometer. Station. (Observed reading plus total cor.) (b)	Barometer. Reduced to sea-level. (b)	Thermometers. Dry. (b)	Thermometers. Wet. (b)	Dew-point. (b)	Relative humidity. (b)	Vapor pressure. (b)	Self-reg. ther's. Max. (b)	Self-reg. ther's. Min. (b)	Wind. Dir.	Wind. Velocity. (b) †	Wind. Max. during preceding 12 hours.	Wind. Dir.	Precipitation. Amt. at 8 p. m. (b) ††	Clouds. Amt.	Clouds. Kind.	Clouds. Dir. from.	State of Weather.	Fog, Mid. to Mid. (local standard time). Light. (f)	Fog, Mid. to Mid. (local standard time). Dense. (f)	Initials of observer.	Date.
		In.		In.	In.	°	°	°	%	In.	°	°		Mi.	Mi.		In.								
1	70.0	29.236	.118	29.118	30.05	55.0	43.0	28	34	.150	59.9	41.3	N	4			0	2	ASt	W?	Clear			[illegible]	1
2	76.0	29.240	.134	29.106	30.04	52.0	44.0	35	52	.203	58.4	47.6	NE	13			0	Few	St	NE	Clear			P.W.E.D.	2
3	73.0	29.316	.126	29.190	30.12	54.0	43.0	29	38	.157	56.0	38.0	NE	7			0	2	Cu	NE	Clear			[illegible]	3
4	70.0	29.395	.119	29.276	30.22	55.2	45.2	34	44	.195	59.8	45.0	NE	7			0	9	Cu	NE	Cloudy			[illegible]	4
5	76.0	29.503	.135	29.368	30.31	58.0	46.5	34	40	.195	62.8	43.5	NE	9			0	0	0	0	Clear			[illegible]	5
6	73.0	29.424	.127	29.297	30.24	61.9	47.7	32	33	.180	64.3	47.7	NE	2			0	5	CiSt	W	Pt. Cloudy			[illegible]	6
7	72.5	29.295	.125	29.170	30.09	63.1	49.0	34	34	.195	66.6	52.6	N	3			0	10	ASt	NW	Cloudy			[illegible]	7
8	80.0	29.305	.145	29.160	30.09	61.0	47.5	32	34	.180	67.0	52.2	NW	6			0	3	ASt	NW	Clear			[illegible]	8
9	78.0	29.172	.139	29.033	29.95	71.0	54.0	38	31	.228	74.4	49.0	W	4			0	Few	St	W	Clear			P.McL.	9
10	75.0	29.176	.132	29.044	29.96	72.2	56.2	43	35	.277	78.0	59.5	SW	8			T	7	ASt	NW	Pt. Cloudy			[illegible]	10
11	72.5	29.266	.125	29.141	30.07	47.2	45.7	44	89	.287	52.3	47.2	NE	14			.36	10	St	E	Cloudy			[illegible]	11
12	71.0	29.067	.120	28.947	29.88	44.8	42.8	40	86	.247	51.0	44.8	NE	20	30	NE	.25	10	Nb	NE	Lt. Rain			[illegible]	12
13	72.0	29.350	.124	29.226	30.16	48.0	39.5	28	45	.150	54.6	43.3	N	14	25	NE	0	7	Cu	N	Pt. Cloudy			[illegible]	13
14	72.0	29.521	.125	29.396	30.35	50.0	40.0	27	39	.143	55.0	39.4	NW	13			0	0	0	0	Clear			[illegible]	14
15	70.0	29.606	.114	29.481	30.44	53.5	41.7	26	33	.136	57.4	44.0	E	7			0	4	CiSt	NW	Pt. Cloudy			[illegible]	15
16	68.5	29.480	.115	29.365	30.30	63.0	47.7	31	30	.172	66.0	46.0	SE	6			0	7 2	ASt StCu	SW SE	Cloudy			P.W.E.	16
17	67.0	29.257	.111	29.146	30.08	54.2	52.0	50	87	.360	56.0	44.5	S	16	27	S	.56	10	Nb	S	Lt. Rain			[illegible]	17
18	69.0	29.116	.115	29.001	29.92	63.0	57.0	53	70	.402	66.0	55.3	S	3			.04	9	StCu	SW	Cloudy			[illegible]	18
19	72.0	29.042	.123	28.919	29.83	67.0	54.0	42	37	[illegible]	74.0	[illegible]	NW	2			.34	7	ASt	W	Pt. Cloudy			[illegible]	19
20	71.5	29.395	.121	28.974	29.89	65.0	59.5	56	73	[illegible]	71.0	62.4	NW	8			.08	5 3	ASt StCu	W W	Cloudy			[illegible]	20
21	77.0	29.260	.137	29.123	30.04	71.8	56.0	43	36	[illegible]	75.2	60.0	W	5			0	Few	ASt	W	Clear			[illegible]	21
22	74.0	29.235	.129	29.106	30.04	72.3	57.8	51	48	.323	77.7	64.0	S	7			0	2 5	ACu Cu	W NW	Pt. Cloudy			[illegible]	22
23	76.0	29.172	.114	29.058	29.97	71.0	68.0	68	86	.684	81.0	66.8	W	11			.96	10	Nb	W	Lt. Rain			P.W.E.D.	23
24	76.0	29.188	.134	29.054	29.97	61.4	62.0	57	94	.499	73.0	60.6	E	8			0	3 3	AST StCu	W NE	Cloudy			[illegible]	24
25	77.0	29.215	.137	29.078	30.00	67.0	61.6	56	64	.448	76.3	61.0	E	8			0	0	0	0	Clear			[illegible]	25
26	78.0	29.204	.139	29.065	29.98	76.0	61.0	51	42	.373	78.4	59.0	E	4			0	2	ASt	W	Clear			[illegible]	26
27	80.0	29.209	.145	29.064	29.97	73.0	63.[illegible]	57	61	.499	83.1	66.6	NW	7			0	6	ASt	W	Pt. Cloudy			[illegible]	27
28	78.0	29.235	.139	29.096	30.02	61.4	54.6	44	43	.287	70.0	56.0	NE	7			0	4 2	AST StCu	W SE	Pt. Cloudy			[illegible]	28
29	77.0	29.222	.137	29.085	30.00	66.0	53.0	42	41	.266	73.3	56.8	NE	10			0	4 5	A.St. Ci.	N W	Pt. Cloudy			C.O.S.	29
30	78.0	29.164	.139	29.025	29.94	76.0	62.0	53	45	.402	81.4	58.4	E	7			0	1	St.	E	Pt. Cloudy			P.McL.	30
31	78.0	29.222	.139	29.083	29.99	74.6	65.0	60	60	.572	80.0	65.0	S	12			T	6 2	ASt St	W S	Cloudy			[illegible]	31
Sums	(a)	(a)	(a)	903.206	931.89	1946.7	1623.7	1322	1564	9.196	(a)	(a)	(a)	252	(a)	(a)	1.39	169	(a)	(a)	(a)	0	0	(a)	(a)
Means	(a)	(a)	(a)	29.136	30.061	62.8	52.4	42.6	50.5	.297	(a)	(a)	(c) NE	8.1	(a)	(a)	(a)	6.5	U ASt. St.Cu L St.	U W L NE	(a)	(a)	(a)	(a)	(a)

Observations are begun about 7.40 o'clock, 75th meridian time.

† By dial when self-register is out of order. †† T indicates trace of precipitation. U, upper clouds. L, lower clouds.

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ORIGINAL MONTHLY RECORD OF OBSERVATIONS at Fort Wayne, Ind, for the Month of May, 1920

Date.	Temperature. Maximum. (b)	Minimum. (b)	Range. (b)	Change. (b)	Mean (max. and min.). (b)	Normal.	Departure.	Total excess or deficiency since 1st of month.	Precipitation. Character. ‡	Beginning.	Ending.	Character. ‡	Beginning.	Ending.	Character. ‡	Beginning.	Ending.	Character. ‡	Beginning.	Ending.	Total (mid. to mid.). (b) ††	Normal.	Departure.	Total excess or deficiency since 1st of month.	Hail and sleet unmelted. 7 p.m. to 7 p.m. *‡‡	Snow unmelted. 7 p.m. to 7 p.m. *‡‡	Hail, sleet, and snow on ground at 7 p.m. *‡‡	Amount of precipitation from melted snow (mid. to mid.).	Date.
	°	°	°	°	°																In.				In.	In.	In.	In.	
1	60	36	24	1	48																0				0	0	0	0	1
2	58	41	17	2	50																0				0	0	0	0	2
3	56	35	21	7	46																0				0	0	0	0	3
4	60	39	21	4	50																0				0	0	0	0	4
5	63	40	23	2	52																0				0	0	0	0	5
6	64	41	23	0	52																0				0	0	0	0	6
7	67	50	17	6	58																0				0	0	0	0	7
8	67	48	19	0	58																0				0	0	0	0	8
9	74	45	29	2	60																0				0	0	0	0	9
10	78	55	23	6	66				R	6:39a	7:10a										T				0	0	0	0	10
11	64	46	18	11	55				R	DNA	3:30p										.68				0	0	0	0	11
12	51	44	7	7	48				R	11:02a	DNP										.29				0	0	0	0	12
13	53	38	17	2	46																0				0	0	0	0	13
14	55	35	20	1	45																0				0	0	0	0	14
15	57	37	20	2	47																0				0	0	0	0	15
16	66	38	28	5	52				R	DNP	DNP.										T				0	0	0	0	16
17	56	49	7	0	52				R	DNA	—										.77				0	0	0	0	17
18	66	53	13	8	60				R	—	10:40a										.08				0	0	0	0	18
19	74	57	17	6	66				R	6:04a	8:00a	R	10:28a	11:20a							.04				0	0	0	0	19
20	71	57	14	2	64				R	10:52a	11:15a	R	11:46a	12:14p	R	3:55p	4:05p				.08				0	0	0	0	20
21	75	54	21	0	64																0				0	0	0	0	21
22	78	56	22	3	67																0				0	0	0	0	22
23	81	63	18	5	72				R	6:10p	7:04p										.07				0	0	0	0	23
24	73	60	13	6	66																0				0	0	0	0	24
25	76	57	19	0	66																0				0	0	0	0	25
26	79	54	25	0	66																0				0	0	0	0	26
27	83	59	24	5	71																0				0	0	0	0	27
28	70	56	14	8	63																0				0	0	0	0	28
29	73	52	21	1	62																0				0	0	0	0	29
30	81	51	30	4	66																0				0	0	0	0	30
31	80	63	17	6	72				R	11:57a	11:59a										T				0	0	0	0	31
S	2111	1509	602	109	1810		Total excess or deficiency since January 1,		(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	2.01		Total excess or deficiency since January 1,		0	0	(a)	(a)	(a)
M	68.1	48.7	19.4	3.5	58.4	(a)			(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)			(a)	(a)	(a)	(a)	(a)

All data are in the standard of time in local use. ‡ Use the following abbreviations: R—rain, S^d—dry snow, S^m—moist snow, H—hail, Sl—sleet. †† T indicates trace of precipitation. ‡‡ Enter the local standard time of observation. * Inches and tenths.

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SUMMARY FOR THE MONTH OF _____, 1920.

The 8 a.m. and 8 p.m. means of pressure, dry and wet thermometers, dew-point, humidity, vapor pressure, and mean cloudiness are in 75th meridian time. All other data are in the standard of time in local use.

PRESSURE.

(Correction to reduce to a 24-hour mean -.005.)

STATION.								REDUCED.							
Mean.			Highest. (h)	Date.	Lowest. (h)	Date.	Absolute range.	Mean.			Highest. (h)	Date.	Lowest. (h)	Date.	Absolute range.
8 a.m.	8 p.m.	Monthly. (g)						8 a.m.	8 p.m.	Monthly. (g)					
29.195	29.136	29.166	29.554	16	28.900	19	0.654	30.123	30.061	30.092	30.50	16	29.81	19	0.69
Corrected mean 29.161								Corrected mean 30.087			3,500-ft.			10,000-ft.	

TEMPERATURE.

Mean. Dry. 8 a.m.	Dry. 8 p.m.	Dry. (8+8)÷2 (g)	Wet. 8 a.m.	Wet. 8 p.m.	Wet. Monthly. (g)	Max.	Min.	Monthly. (g)	Sea-level. (g)	3,500-ft. (g)	10,000-ft. (g)	Highest. (i)	Date. (i)	Lowest. (i)	Date. (i)	Absolute range.	Greatest daily range. (i)	Date. (i)	Least daily range. (i)	Date. (i)
53.0	62.8	57.9	47.7	52.4	50.0	68.1	48.7	58.4				83	27	35	3	48	30	30	7	12

Dew-point. 8 a.m.	Dew-point. 8 p.m.	Dew-point. Monthly. (g)	Relative Humidity. 8 a.m.	Relative Humidity. 8 p.m.	Relative Humidity. Monthly. (g)	Vapor Pressure. 8 a.m.	Vapor Pressure. 8 p.m.	Vapor Pressure. Monthly. (g)
42.3	42.6	42.4	67.6	50.5	59.0	288	297	292

Number of days with—(j) Maximum. 32° or below.	Maximum. 90° or above.	Minimum. 32° or below.	Minimum. Zero or below.
0	0	0	0

Clouds.

Most frequent clouds: A.St.

Most frequent direction upper clouds: W

Most frequent direction lower clouds: NE

WIND.

Total movement (mid. to mid.).	Average hourly velocity.	Prevailing direction. (p)	Maximum velocity. (r)	Direction. (r)	Date. (r)	Number of times wind observed from the— N.	NE.	E.	SE.	S.	SW.	W.	NW.	Calm.
6396	8.6	NE	30	NE	12	6	18	12	3	8	4	5	6	0

WEATHER.

Mean Cloudiness. 8 a.m.	8 p.m.	Monthly. (t)	Sunshine. Percentage of possible.	Number of Days. Clear.	Partly cloudy.	Cloudy.	Number of Days with Precipitation (Mid. to Mid.). Clear. (u)	Partly cloudy. (u)	Cloudy. (u)
5.2	5.5	5.4	66	9	12	10	0	1	6

MISCELLANEOUS PHENOMENA.

Dates of—(Midnight to Midnight).

Frosts. Light.	Heavy.	Killing.	Thunderstorms. (v)	Winds. (40 miles or over.)	Solar Halos.	Lunar Halos.	Fog. Light.	Dense.	Haze. Light.	Dense.	Smoke. Light.	Dense.	Hail.	Aurora.
1,4,14,16	3,15	0	20	0	7,22,28	27	0	0	0	0	0	0	0	0

PRECIPITATION (in inches and hundredths). (m)

Total amount.	Greatest amount in 24 consecutive hours. Amt.	Date. (k)	Excessive. 2.50 inches in 24 hours. (l) * Amt.	Duration. h. m.	Date. (k)	1 inch per hour. (l) Amt.	Duration. h. m.	Date. (k)	Number of days with—(Mid. to Mid.). Trace.	.01 or more.	.04 or more.	.25 or more.	1.00 or more.	Total.	Snow. Trace or more.	.01 or more melted.	Snow. Total depth. (o)	Average depth at end of month.
2.01	0.78	17-18	0			0			3	7	7	3	0	10	0	0	0	0

(w) Maximum precipitation in 5 minutes .04, date 11; 10 minutes .06, date 11; 15 minutes .09, date 11; 30 minutes .14, date 11; 1 hour .19, date 11; 2 hours .27, date 11.

EXCESSIVE.

Date.	Total Duration. From—	To—	Total amount of precipitation.	Excessive Rate. Began—	Ended—	Amt. before excessive began.	Accumulated Depths During Excessive Rate for Consecutive Periods of Time Indicated Below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

* The duration is the time precipitation was actually recorded.

8—154

Prepared by C.A.S.

P. McDonough, Meteorologist, Weather Bureau.

(9)

ORIGINAL MONTHLY RECORD OF OBSERVATIONS at Fort Wayne, Ind., for the Month of May, 192

Number of Station barometer, 656; sum of corrections, -.009 inch.

SPECIAL OBSERVATIONS.

Date.	Time. 75th mer.	Time. Local (standard).	Barometer. Attached thermometer.	Barometer. Observed reading.	Barometer. Total correction.	Barometer. Station. (Observed reading plus total cor.)	Barometer. Reduced to sea-level.	Thermometers. Dry.	Thermometers. Wet.	Dew-point.	Depression of the dew-point.	Relative humidity.	Maximum thermometer.	Wind. Direction.	Wind. Velocity. †	Wind. Max. since last observation.	Wind. Direction.	Precipitation. ††	Clouds. Amt.	Clouds. Kind.	Clouds. Dir. from.	State of Weather.	Special Phenomena.	Initials of Observer.	Date.
10	2 00 pm	1 00 pm	72.5	29.164	.125	29.039	29.95	76.5	57.0	41	36	28	77.2	SW	16	24	SW	T	7	Cu	SW	Pt. Cloudy	Ordered by C.O.	P.M.S.D.	10
11	2 00 pm	1 00 pm	73.0	29.232	.126	29.106	30.04	49.0	47.9	47	2	92	52.3	NE	12			.36	10	Nb	E	Lt. Rain	Ordered by C.O.	P.M.S.D.	11
12	2 00 pm	1 00 pm	71.0	29.100	.120	28.980	29.91	51.0	45.0	39	12	63	51.0	NE	20	24	NE	.01	10	Nb	E	Lt. Rain	Ordered by C.O.	P.M.S.D.	12
13	1 00 pm	12 00 NOON	70.0	29.035	.118	28.917	29.84	63.0	61.0	60	3	90	65.3	SW	12			.04	10	St	SW	Cloudy	Ordered by C.O.	C.O.S.	13
19	2 30 pm	1 30 P.M.				28.900	29.81	69.0																	19

If additional space is required, rule a sheet similar to this, and paste to this margin. † By dial when self-register is out of order. †† T indicates trace of precipitation.

8—154

ORIGINAL MONTHLY RECORD OF OBSERVATIONS at ....., *for the Month of* ....., *192*

Wind—Number of Miles and Length of Time From. (*Standard of time in local use,* ..... *meridian.*)

DATE.	N.		NE.		E.		SE.		S.		SW.		W.		NW.		CALM.		TOTAL.	
	MILES.	HOURS.	MILES.	HOURS.	MILES.	HOURS.	MILES.	HOURS.	MILES.	HOURS.	MILES.	HOURS.	MILES.	HOURS.	MILES.	HOURS.	MILES.	HOURS.	MILES.	HOURS.
1																				
2																				
3																				
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26																				
27																				
28																				
29																				
30																				
31																				
SUM.																				
PERCENTAGE																			*a*	*a*
AVG. HOURLY VELOCITY		*a*		*a*		*a*		*a*		*a*		*a*		*a*		*a*		*a*		*a*

8—154

Form No. 1001—Met'l.

U. S. DEPARTMENT OF AGRICULTURE,

WEATHER BUREAU.

ORIGINAL MONTHLY RECORD

OF

OBSERVATIONS

AT

Fort Wayne, Ind.

For the Month of June, *1920*.

*Station is supplied with a barograph, thermograph, sunshine recorder, and self-recording rain gage.

†No. of dry thermometer in use, ____; No. of wet thermometer in use, ____; No. of maximum thermometer in use, ____; No. of minimum thermometer in use, #14249 broken June 9th. #14577 in use from June 9th

†Elevation above ground of the dry thermometer, ____ feet; rain gage, ____ feet; anemometer, ____ feet.

If the office has been moved during the month, give date ____; amount of change in height of barometer, ____ feet (higher or lower).

No. of extra barometer, 675; sum of corrections, -.017; date and observation upon which use of station barometer commenced, May 20, 1911 7 a.m., station elevation, 856 feet; actual elevation, 856 feet.

Location of office: Number Corner of Berry & Calhoun street, room 3 911-912 Shoaff Bldg first observation taken in present office, 7:00 a.m. May 20, 1911.

*Cancel words that are not appropriate. †To be entered only in December unless changes are made during the year. Changes made during the year will be noted in the appropriate months. 8—154

ORIGINAL MONTHLY RECORD OF OBSERVATIONS at Fort Wayne, Ind., for the Month of June, 1920.

Number of Station barometer, 656; sum of corrections, −.009 inch.

OBSERVATIONS AT 8 A. M. 75TH MERIDIAN TIME, WHICH CORRESPONDS TO 7:00 A. M. 90th MERIDIAN TIME, THE STANDARD OF TIME IN LOCAL USE; 7:19 A. M. LOCAL MEAN TIME.

Date.	Barometer. Attached thermometer.	Barometer. Observed reading.	Barometer. Total correction.	Barometer. Station. (Observed reading plus total cor.) (b)	Barometer. Reduced to sea-level. (b)	Thermometers. Dry. (b)	Thermometers. Wet. (b)	Dew-point. (b)	Relative humidity. (b)	Vapor pressure. (b)	Self-reg. ther's. Max. (b)	Self-reg. ther's. Min. (b)	Wind. Dir.	Wind. Velocity. (b) †	Wind. Max. during preceding 12 hours.	Wind. Dir.	Precipitation. Amt. at 8 a. m. (b) ††	Clouds. Amt.	Clouds. Kind.	Clouds. Dir. from.	State of Weather.		Initials of observer.	Date.
		In.		In.	In.	°	°	°	%	In.	°	°		Mi.	Mi.		In.							
1	76.5	29.212	.135	29.077	29.99	63.6	63.1	63	97	.575	74.6	63.6	S	7			.58	10	Nb	S	Lt. Rain		[illegible]	1
2	75.5	29.180	.133	29.047	29.96	67.7	65.0	63	87	.575	72.2	63.9	SW	9			0	9	ASt	W	Cloudy		[illegible]	2
3	75.5	29.391	.134	29.257	30.19	56.3	49.6	44	62	.287	68.1	54.8	N	7			0	9	ASt	NW	Cloudy		[illegible]	3
4	73.5	29.334	.128	29.206	30.13	56.3	49.8	44	63	.287	64.5	50.6	E	14			0	4	ACu	SW	Pt. Cloudy		[illegible]	4
5	72.0	29.164	.124	29.040	29.96	58.0	51.0	45	62	.298	62.5	53.3	N	6			0	2	Cu	NE	Clear		[illegible]	5
6	72.0	29.399	.125	29.274	30.20	59.1	51.0	44	57	.287	69.0	49.9	SE	2			0	0	0	0	Clear		[illegible]	6
7	73.0	29.342	.126	29.216	30.14	61.1	53.0	46	58	[illegible]	71.2	55.2	SW	10			0	9	ASt	NE	Cloudy		[illegible]	7
8	73.5	29.203	.128	29.075	29.99	66.3	61.1	57	[illegible]	[illegible]	72.5	69.3	[illegible]	[illegible]			0	0	0	0	[illegible]			8
9	77.0	29.236	.137	29.099	[illegible]	69.[illegible]	[illegible]	57	60	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			0	5	ASt	NW	Pt. Cloudy			9
10	81.0	29.260	[illegible]	29.112	[illegible]	75.[illegible]	[illegible]	66	53	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			0	0	0	0	[illegible]			10
11	85.0	29.362	.158	29.204	[illegible]	74.[illegible]	[illegible]	64	70	.595	87.1	68.0	S	[illegible]			0	Few	ASt	NW	Clear			11
12	86.0	29.354	.161	29.193	30.09	75.0	66.5	68	78	.684	88.0	70.8	W	8			T	4	ASt	NW	Pt. Cloudy			12
13	86.0	29.304	.161	29.143	30.07	74.2	66.5	62	65	.55[illegible]	88.[illegible]	[illegible]	[illegible]	[illegible]			0	1	ASt	NW	Clear			13
14	86.0	29.272	.161	29.[illegible]	30.02	70.2	67.0	66	85	[illegible]	82.6	69.0	NW	[illegible]			T	10	St	NE	Sprinkling			14
15	83.0	29.080	.151	28.929	29.84	73.0	69.2	67	83	.661	73.0	68.2	W	11			.08	4	ACu	W	Pt. Cloudy			15
16	85.0	28.914	.156	28.758	29.65	75.0	69.2	66	75	.638	84.4	73.0	N	3			0	8	StCu	W	Cloudy 13			16
17	83.0	28.876	.151	28.725	29.62	55.0	53.0	52	88	.587	71.5	55.0	N	10			.49	10	Nb	N	Lt. Rain			17
18	76.0	29.228	.134	29.094	[illegible]	55.0	51.5	49	79	[illegible]	61.6	51.0	[illegible]	[illegible]			0	10	ASt	NW	Cloudy			18
19	75.0	29.317	.132	29.185	[illegible]	61.0	56.5	53	76	.402	68.3	54.2	NE	3			0	1/2	CiSt / ASt	NW / SE	Clear			19
20	73.5	29.192	.128	29.064	29.98	58.0	54.2	51	78	.3[illegible]	67.0	55.8	NE	8			0	10	St	E	Cloudy			20
21	69.5	29.018	.116	28.902	29.82	57.2	53.0	50	76	.360	57.2	53.2	W	13			T	2	StCu	NW	Clear			21
22	69.5	29.049	.116	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			T	5	ACu	E	[illegible]			22
23	70.5	29.259	.120	29.139	30.05	61.4	58.0	56	82	.448	67.0	57.2	W	6			T	3	StCu	NW	Clear			23
24	72.0	29.413	.125	29.288	[illegible]	64.1	59.0	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			.04	0						24
25	74.5	29.500	.131	29.369	[illegible]	66.3	61.[illegible]	57	72	.462	73.4	57.3	E	[illegible]			0	1	StCu	E	Clear			25
26	76.0	29.544	.125	[illegible]	[illegible]	65.4	[illegible]	54	68	[illegible]	[illegible]	[illegible]	E	[illegible]			0	1	ACu	[illegible]				26
27	77.0	29.524	.138	[illegible]	[illegible]	[illegible]	[illegible]	50	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	[illegible]	[illegible]	[illegible]				27
28	79.0	29.395	.143	29.252	[illegible]	71.0	62.0	57	60	[illegible]	80.2	65.2	SW				0	2	CiSt	NW	[illegible]			28
29	83.8	29.207	.152	29.055	29.96	77.0	66.0	60	56	.517	86.0	72.8	SW	16			0	8	ASt	NW	Cloudy			29
30	81.0	29.122	.147	28.975	29.89	71.0	64.0	68	90	.684	71.0	69.0	NW	4			.04	10	St.	NW	Cloudy			30
31																								31
Sums	(a)	(a)	(a)	873.517	900.91	1,667	1,785	1689	2189	14.048	(a)	(a)	(a)	203	(a)	(a)	1.73	145	(a)	(a)	(a)		(a)	(a)
Means	(a)	(a)	(a)	29.117	30.030	65.5	60.0	56.3	73.0	.468	(a)	(a)	(c) V	6.5	(a)	(a)	(a)	4.8	U A St. L St. Cu	U NW L NW	(a)		(a)	(a)

Reference letters in this form refer to paragraph 121, "Instructions for Preparing Meteorological Forms."

† By dial when self-register is out of order. †† T indicates trace of precipitation. U, upper clouds. L, lower clouds.

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ORIGINAL MONTHLY RECORD OF OBSERVATIONS at Fort Wayne, Ind., for the Month of July, 192[illegible]

Number of Station barometer, 656; sum of corrections, −.009 inch.

OBSERVATIONS AT 8 P. M. 75TH MERIDIAN TIME, WHICH CORRESPONDS TO 7:00 P. M. 90th MERIDIAN TIME, THE STANDARD OF TIME IN LOCAL USE; 7:19 P. M. LOCAL MEAN TIME.

Date.	Barometer. Attached thermometer.	Barometer. Observed reading.	Barometer. Total correction.	Barometer. Station. (Observed reading plus total cor.) (b)	Barometer. Reduced to sea-level. (b)	Thermometers. Dry. (b)	Thermometers. Wet. (b)	Dew-point. (b)	Relative humidity. (b)	Vapor pressure. (b)	Self-reg. ther's. Max. (b)	Self-reg. ther's. Min. (b)	Wind. Dir.	Wind. Velocity. (b) †	Wind. Max. during preceding 12 hours.	Wind. Dir.	Precipitation. Amt. at 8 p. m. (b) ††	Clouds. Amt.	Clouds. Kind.	Clouds. Dir. from.	State of Weather.	Fog, Mid. to Mid. (local standard time). Light. (f)	Fog, Mid. to Mid. (local standard time). Dense. (f)	Initials of observer.	Date.
		In.		In.	In.	°	°	°	%	In.	°	°		Mi.	Mi.		In.								
1	77.5	29.172	.138	29.034	29.74	72.2	65.7	62	71	.555	75.0	63.6	SW	12			.02	5 2	ASt StCu	W W	Pt. Cloudy			P.M.C.D.	1
2	77.5	29.240	.138	29.102	30.01	68.1	63.1	60	76	.517	80.0	67.7	N	8			T	7 2	StCu St	W W	Cloudy			P.M.C.D.	2
3	76.0	29.378	.135	29.243	30.17	64.5	56.0	50	58	.360	68.2	56.3	E	6			0	8	ASt	W	Cloudy			P.M.C.D.	3
4	76.0	29.172	.134	29.038	29.96	62.5	46.5	27	26	.143	67.4	56.3	E	9	26	NE	0	3	ASt	W	Clear			P.M.C.D.	4
5	75.0	29.194	.132	29.062	29.98	69.0	53.3	39	33	.237	72.2	58.0	N	4			T	FEW 1	AST Cu	W N	Clear			P.M.C.D.	5
6	76.0	29.334	.134	29.200	[illegible]	71.2	55.5	41	33	.256	75.5	[illegible]	[illegible]	[illegible]			0	1	ASt	[illegible]	[illegible]			[illegible]	6
7	76.5	29.252	.136	29.116	30.04	72.5	59.5	50	46	.360	74.8	61.1	SW	[illegible]			0	1 1	AST Cu	W [illegible]	[illegible]			[illegible]	7
8	78.0	29.204	.139	29.065	[illegible]	81.0	[illegible]	49	33	.34[illegible]	86.0	66.3	W	[illegible]			0	FEW	St	W	[illegible]			[illegible]	8
9	84.0	29.184	.155	29.029	[illegible]	85.0	72.0	66	54	.638	91.0	69.[illegible]	W	[illegible]			0	1 1	CiCu Cu	NW W	Clear			[illegible]	9
10	88.5	29.252	.167	29.085	29.98	87.[illegible]	[illegible]	63	46	.575	92.6	75.2	SW	[illegible]			0	3 1	AST St	NW W	Pt. Cloudy			P.M.C.D.	10
11	89.5	29.309	.170	29.139	30.04	88.0	69.3	60	39	.517	91.6	74.0	SW	6			0	FEW	St	SW	Clear			P.M.C.D.	11
12	90.5	29.253	.173	29.080	[illegible]	88.0	70.0	61	41	.5[illegible]6	92.1	75.0	W	[illegible]			0	1	Cu	W	Clear R			[illegible]	12
13	89.0	29.200	.168	29.032	29.92	82.6	70.6	65	55	.616	90.6	74.2	E	6			0	10	St	W	Cloudy			[illegible]	13
14	85.0	29.158	.158	29.000	29.[illegible]	72.0	[illegible]	68	88	.6[illegible]	87.5	67.[illegible]	SW	[illegible]	34	NW	.86	10	Nb	SW	Sprinkling			[illegible]	14
15	87.5	29.000	.163	28.837	29.73	84.4	72.5	68	57	.684	90.0	73.0	SW	[illegible]			0	2 2	AST StCu	W SW	Pt. Cloudy			[illegible]	15
16	84.5	28.808	.154	28.654	29.54	71.5	68.0	66	84	.638	88.0	71.5	NW	[illegible]	33	W	.06	10	Nb	NW	Lt. Rain R			P.M.C.D.	16
17	79.5	29.117	.143	28.974	29.89	61.6	54.8	50	65	.360	65.0	51.6	N	6			.02	1	StCu	NW	Clear			P.M.C.D.	17
18	78.0	29.260	.140	29.120	30.04	68.3	57.2	49	51	.347	71.8	55.0	NE	5			0	1	ASt	W	Clear			P.M.C.D.	18
19	76.0	29.270	.134	29.136	30.[illegible]	67.0	56.5	49	52	.347	71.4	61.[illegible]	E	5			0	7	ASt	SW	Pt. Cloudy			[illegible]	19
20	72.5	28.974	.124	28.850	29.76	56.8	55.0	54	89	.417	63.0	5[illegible]	NW	15			.42	10	Nb	NW	Lt. Rain			[illegible]	20
21	71.5	29.020	.121	28.899	29.82	63.8	58.5	55	72	.432	70.6	57.2	SW	9			0	7 2	AS St	[illegible]	[illegible]			[illegible]	21
22	71.5	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	5[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			0	7 2	AST StCu	W SW	[illegible]			[illegible]	22
23	74.0	29.327	.129	[illegible]	30.12	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			0	4	Cu	W	Pt. Cloudy			[illegible]	23
24	76.5	29.424	.137	29.287	[illegible]	73.4	62.9	56	50	[illegible]	79.0	64.1	[illegible]	[illegible]			0	[illegible]	[illegible]	[illegible]	Clear			P.M.[illegible]	24
25	77.0	29.462	.138	29.324	30.2[illegible]	76.0	61.3	52	43	.38[illegible]	80.0	66.[illegible]	SE	6			0	1	AST	[illegible]	Clear			[illegible]	25
26	79.0	29.5[illegible]	[illegible]	—	—	79.[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			0	[illegible]	AST	[illegible]	[illegible]			[illegible]	26
27	79.5	29.420	.145	29.2[illegible]	[illegible]	80.2	[illegible]	61	53	.536	86.6	69.2	SW	[illegible]			0	7	AST	NW	Pt. Cloudy			[illegible]	27
28	87.5	29.242	.164	29.078	29.92	86.0	73.2	67	55	[illegible]	91.0	71.0	SW	[illegible]			0	2	HHaze	—	Clear			P.M.C.	28
29	82.5	29.140	.151	28.989	29.89	70.6	62.5	69	95	.709	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	.74	8 1	AST StCu	W [illegible]	[illegible]			[illegible]	29
30	83.5	29.132	.154	28.978	29.88	81.0	63.4	62	53	.555	84.0	71.0	E	2			0	1 3	HSt Pt. Cu	W E	Pt. Cloudy			[illegible]	30
31																									31
Sums	(a)	(a)	(a)	872.200	899.53	2218.2	1874.4	1684	1705	14242	(a)	(a)	(a)	206	(a)	(a)	2.12	141	(a)	(a)	(a)	0	0	(a)	(a)
Means	(a)	(a)	(a)	29.073	29.784	73.[illegible]	62.2	56.[illegible]	56.5	.476	(a)	(a)	(c) SW	6.9	(a)	(a)	(a)	4.7	U ASt L StCu	U W L W	(a)	(a)	(a)	(a)	(a)

Observations are begun about 7.40 o'clock, 75th meridian time.

† By dial when self-register is out of order. †† T indicates trace of precipitation. U, upper clouds. L, lower clouds.

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ORIGINAL MONTHLY RECORD OF OBSERVATIONS at Fort Wayne, Ind., for the Month of July, 1920

Date.	Maximum. (b)	Minimum. (b)	Range. (b)	Change. (b)	Mean (max. and min.). (b)	Normal.	Departure.	Total excess or deficiency since 1st of month.	Character. ‡	Beginning.	Ending.	Character. ‡	Beginning.	Ending.	Character. ‡	Beginning.	Ending.	Character. ‡	Beginning.	Ending.	Total (mid. to mid.). (b) ††	Normal.	Departure.	Total excess or deficiency since 1st of month.	Hail and sleet unmelted. 7 p.m. to 7 p.m. *‡‡	Snow unmelted. 7 p.m. to 7 p.m. *‡‡	Hail, sleet, and snow on ground at 7 p.m. *‡‡	Amount of precipitation from melted snow (mid. to mid.).	Date.
	°	°	°	°	°																In.				In.	In.	In.	In.	
Tuesday 1	75	64	11	2	70				R	DNA	7:20a										.60				0	0	0	0	1
2	80	58	22	1	69				R	5:27p	5:28p										T				0	0	0	0	2
3	68	55	13	5	62																0				0	0	0	0	3
4	67	51	16	3	59																0				0	0	0	0	4
5	72	53	19	3	62				R	4:55p	4:57p										T				0	0	0	0	5
6	75	50	25	0	62																0				0	0	0	0	6
7	[illegible]	55	21	[illegible]	65																0				0	[illegible]	[illegible]	[illegible]	7
8	86	59	27	7	72																0				0	0	0	0	8
9	91	64	27	6	78																0				0	0	0	0	9
10	92	68	24	2	80																0				0	0	0	0	10
11	92	68	24	0	80																0				0	0	0	0	11
12	92	71	21	2	82				R	DNA	DNA										T				0	0	0	0	12
13	91	68	23	2	80																0				0	0	0	0	13
14	88	67	21	2	78				R	DNA	8:04a	R	3:25p	5:20p	R	6:38p	8:25p	R	DNP	—	.91				0	0	0	0	14
15	90	68	[illegible]	[illegible]	[illegible]				R	—	DNA										.03				0	0	0	0	15
16	88	63	[illegible]	[illegible]	[illegible]				R	6:58a	7:08a	R	5:12p	5:40p	R	6:15p	8:00p	R	9:05p	DNP	.38				0	0	0	0	16
17	69	52	[illegible]	[illegible]	[illegible]				R	DNA	DNA	R	6:05a	8:45a							.19				0	0	0	0	17
18	72	51	[illegible]	2	[illegible]																0				0	0	0	0	18
19	71	54	[illegible]	[illegible]	[illegible]																0				0	0	0	0	19
20	63	55	[illegible]	3	[illegible]				R	8:53a	9:47p										.42				0	0	0	0	20
21	[illegible]	[illegible]	[illegible]	3	[illegible]				R	[illegible]	[illegible]										—				—	—	—	—	21
22	74	58	16	4	66				R	9:12p	9:35p										T				0	0	0	0	22
23	76	57	19	0	66																0				0	0	0	0	23
24	79	58	21	2	68				R	2:00a	4:45a										.04				0	0	0	0	24
25	80	57	23	0	68																0				0	0	0	0	25
26	82	56	26	1	69																0				0	0	0	0	26
27	87	60	27	5	74																0				0	0	0	0	27
28	91	65	26	4	78																0				[illegible]	[illegible]	[illegible]	[illegible]	28
29	88	69	19	0	78				R H	1:40p 9:38p	2:14p DNP	R	2:43p	3:03p	R	3:35p	3:50p	R	4:02p	6:10p	.47				0	0	0	0	29
30	84	69	15	2	[illegible]																0				0	0	0	0	30
31																													31
S	2409	1796	613	86	2102		Total excess or deficiency since January 1,		(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	3.35		Total excess or deficiency since January 1,		0	0	(a)	(a)	(a)
M	80.3	59.9	20.4	2.9	70.1	(a)			(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)			(a)	(a)	(a)	(a)	(a)

All data are in the standard of time in local use. ‡ Use the following abbreviations: R—rain, S^d—dry snow, S^m—moist snow, H—hail, Sl—sleet. †† T indicates trace of precipitation. ‡‡ Enter the local standard time of observation. * Inches and tenths.

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SUMMARY FOR THE MONTH OF Juwe, 1920.

The 8 a.m. and 8 p.m. means of pressure, dry and wet thermometers, dew-point, humidity, vapor pressure, and mean cloudiness are in 75th meridian time. All other data are in the standard of time in local use.

PRESSURE.

(Correction to reduce to a 24-hour mean -.004.)

STATION.								REDUCED.							
Mean.			Highest. (h)	Date.	Lowest. (h)	Date.	Absolute range.	Mean.			Highest. (h)	Date.	Lowest. (h)	Date.	Absolute range.
8 a.m.	8 p.m.	Monthly. (g)						8 a.m.	8 p.m.	Monthly. (g)					
29.117	29.073	29.095	29.409	26	28.570	17	0.839	30.030	29.984	30.007	30.33	26	29.47	17	0.86
Corrected mean		29.091						Corrected mean		30.003	3,500-ft			10,000-ft	

TEMPERATURE.

Mean. Dry. 8 a.m.	Dry. 8 p.m.	Dry. (8+8)÷2 (g)	Wet. 8 a.m.	Wet. 8 p.m.	Wet. Monthly. (g)	Max.	Min.	Monthly. (g)	Sea-level. (g)	3,500-ft. (g)	10,000-ft. (g)	Highest. (i)	Date. (i)	Lowest. (i)	Date. (i)	Absolute range.	Greatest daily range. (i)	Date. (i)	Least daily range. (i)	Date. (i)
65.5	73.7	69.7	60.0	63.2	61.6	80.3	59.9	70.1				92	12	50	6	42	27	9	8	2

Dew-point. 8 a.m.	Dew-point. 8 p.m.	Dew-point. Monthly. (g)	Relative humidity. 8 a.m.	Relative humidity. 8 p.m.	Relative humidity. Monthly. (g)	Vapor pressure. 8 a.m.	Vapor pressure. 8 p.m.	Vapor pressure. Monthly. (g)
56.3	56.3	56.3	73.0	56.8	64.9	.468	.475	.472

Number of days with—(j) Maximum. 32° or below.	Maximum. 90° or above.	Minimum. 32° or below.	Minimum. Zero or below.
0	4	0	0

Clouds.

Most frequent clouds: a. St.

Most frequent direction upper clouds: NW

Most frequent direction lower clouds: NW

WIND.

Total movement (mid. to mid.).	Average hourly velocity.	Prevailing direction. (p)	Maximum velocity. (r)	Direction. (r)	Date. (r)	N.	NE.	E.	SE.	S.	SW.	W.	NW.	Calm.
5753	8.0	SW	34	NW	14	8	3	10	4	4	17	10	4	0

WEATHER.

Mean Cloudiness. 8 a.m.	8 p.m.	Monthly. (t)	Sunshine. Percentage of possible.	Number of Days. Clear.	Partly cloudy.	Cloudy.	Number of Days with Precipitation (Mid. to Mid.). Clear. (u)	Partly cloudy. (u)	Cloudy. (u)
4.8	4.7	5.1	70	9	14	7	1	2	5

MISCELLANEOUS PHENOMENA.

Dates of—(Midnight to Midnight).

Frosts. Light.	Heavy.	Killing.	Thunderstorms. (v)	Winds. (40 miles or over.)	Solar Halos.	Lunar Halos.	Fog. Light.	Dense.	Haze. Light.	Dense.	Smoke. Light.	Dense.	Hail.	Aurora.
0	0	0	1, 13, 14, 16, 29	0	13	0	0	0	28	0	0	0	0	0

PRECIPITATION (in inches and hundredths). (m)

Total amount.	Greatest amount in 24 consecutive hours. Amt.	Date. (k)	Excessive. 2.50 inches in 24 hours. (l) * Amt.	Duration. h. m.	Date. (k)	1 inch per hour. (l) Amt.	Duration. h. m.	Date. (k)	Number of days with—(Mid. to Mid.). Trace.	.01 or more.	.04 or more.	.25 or more.	1.00 or more.	Total.	Snow. Trace or more.	.01 or more melted.	Snow. Total depth. (o)	Average depth at end of month.
3.35	0.94	14-5	0			0			5	8	7	5	0	13	0	0	0	0

(w) Maximum precipitation in 5 minutes .31, date 14; 10 minutes .49, date 14; 15 minutes .60, date 14; 30 minutes .76, date 14; 1 hour .81, date 14; 2 hours .81, date 14.

EXCESSIVE.

Date.	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amt. before excessive began.	Accumulated depths during excessive rate for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
1	D.N. a	7:20 a	.60	5.53 a	6:03 a	.11	.18	.34	.38											
14	3.25 p	5.20 p.	.86	3.33 p.	3.53 p	.01	.19	.49	.60	.73										
29	2.43 p.	3.03 p	.34	2.44 p.	2.54 p	.01	.15	.31	.34											

* The duration is the time precipitation was actually recorded.

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Prepared by C. C. Schick

J. M. Donovan, Meteorologist, Weather Bureau.

(6)

ORIGINAL MONTHLY RECORD OF OBSERVATIONS at Fort Wayne, Ind., for the Month of June, 1920

Number of Station barometer, 656; sum of corrections, -.009 inch.

Date.	Time. 75th mer.	Time. Local (standard).	Barometer. Attached thermometer.	Barometer. Observed reading.	Barometer. Total correction.	Barometer. Station. (Observed reading plus total cor.)	Barometer. Reduced to sea-level.	Thermometers. Dry.	Thermometers. Wet.	Dew-point.	Depression of the dew-point.	Relative humidity.	Maximum thermometer.	Wind. Direction.	Wind. Velocity. †	Wind. Max. since last observation.	Wind. Direction.	Precipitation. ††	Clouds. Amt.	Clouds. Kind.	Clouds. Dir. from.	State of Weather.	Special Phenomena.	Initials of Observer.	Date.
17	12 Noon	11:00 a	79.0	28.992	.141	28.851	29.76	60.0	54.2	49	11	69	60.0	N	17			.02	10	St Cu	N	Cloudy	Ordered by C.O.	[illegible]	17
21	12 Noon	11:00 a	69.5	29.005	.116	28.889	29.81	66.8	56.8	50	17	54	66.8	N	19			0	5	Cu	NW	Pt Cloudy	Ordered by C.O.	[illegible]	
17	4 A.M.	3 A.M.				28.570	29.47	67.0																	

If additional space is required, rule a sheet similar to this, and paste to this margin. † By dial when self-register is out of order. †† T indicates trace of precipitation.

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ORIGINAL MONTHLY RECORD OF OBSERVATIONS at ....., *for the Month of* ....., *192*

Wind—Number of Miles and Length of Time From. (*Standard of time in local use,* ..... *meridian.*)

DATE.	N.		NE.		E.		SE.		S.		SW.		W.		NW.		CALM.		TOTAL.	
	MILES.	HOURS.	MILES.	HOURS.	MILES.	HOURS.	MILES.	HOURS.	MILES.	HOURS.	MILES.	HOURS.	MILES.	HOURS.	MILES.	HOURS.	MILES.	HOURS.	MILES.	HOURS.
1																				
2																				
3																				
4																				
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26																				
27																				
28																				
29																				
30																				
31																				
SUM.																				
PERCENTAGE																			*a*	*a*
AVG. HOURLY VELOCITY		*a*		*a*		*a*		*a*		*a*		*a*		*a*		*a*		*a*		*a*

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Form No. 1001—Met'l.

U. S. DEPARTMENT OF AGRICULTURE,

WEATHER BUREAU.

ORIGINAL MONTHLY RECORD

OF

OBSERVATIONS

AT

Fort Wayne, Ind.

For the Month of July, *1920.*

*Station is supplied with a barograph, thermograph, sunshine recorder, and self-recording rain gage.

†No. of dry thermometer in use, ____; No. of wet thermometer in use, ____; No. of maximum thermometer in use, ____; No. of minimum thermometer in use, ____

†Elevation above ground of the dry thermometer, ____ feet; rain gage, ____ feet; anemometer, ____ feet.

If the office has been moved during the month, give date ____; amount of change in height of barometer, ____ feet (higher or lower).

No. of extra barometer, 675; sum of corrections, -.017; date and observation upon which use of station barometer commenced, May 20, 1911 7:00 a. m., station elevation, 856 feet; actual elevation, 856 feet.

Location of office: Number Corner of Berry & Oakham street & room 1 911-912 Shoaff Bldg; first observation taken in present office, 7:00 a. m. May 20, 191

*Cancel words that are not appropriate. †To be entered only in December unless changes are made during the year. Changes made during the year will be noted in the appropriate months. 8—152

ORIGINAL MONTHLY RECORD OF OBSERVATIONS at Fort Wayne, Ind., for the Month of July, 1920

Number of Station barometer, 656; sum of corrections, −.009 inch.

OBSERVATIONS AT 8 A. M. 75TH MERIDIAN TIME, WHICH CORRESPONDS TO 7:00 A. M. 90TH MERIDIAN TIME, THE STANDARD OF TIME IN LOCAL USE; 7:19 A. M. LOCAL MEAN TIME.

Date.	Barometer. Attached thermometer.	Barometer. Observed reading.	Barometer. Total correction.	Barometer. Station. (Observed reading plus total cor.) (b)	Barometer. Reduced to sea-level. (b)	Thermometers. Dry. (b)	Thermometers. Wet. (b)	Dew-point. (b)	Relative humidity. (b)	Vapor pressure. (b)	Self-reg. ther's. Max. (b)	Self-reg. ther's. Min. (b)	Wind. Dir.	Wind. Velocity. (b) †	Wind. Max. during preceding 12 hours.	Wind. Dir.	Precipitation. Amt. at 8 a. m. (b) ††	Clouds. Amt.	Clouds. Kind.	Clouds. Dir. from.	State of Weather.		Initials of observer.	Date.
		In.		In.	In.	°	°	°	%	In.	°	°		Mi.	Mi.		In.							
1	80.0	29.182	.145	[illegible]	29.94	67.0	61.9	58	75	.499	81.0	63.9	NE	[illegible]			0	2	[illegible]	W	[illegible]		[illegible]	1
2	81.0	29.002	.146	28.856	[illegible]	[illegible]	62.3	[illegible]	[illegible]	[illegible]	71.7	[illegible]	SW	[illegible]	28	[illegible]	.64	10	[illegible]	[illegible]	Lt Rain	R	[illegible]	2
3	80.5	29.000	.145	28.855	[illegible]	71.9	[illegible]	68	86	[illegible]	78.1	68.2	SW	[illegible]			0	2	Cu	W	Clear		[illegible]	3
4	80.0	29.292	.145	29.147	30.06	59.3	54.3	50	73	.360	75.7	54.6	N	8			[illegible]	1	Ci	W	Clear		[illegible]	4
5	79.0	29.320	.142	29.178	30.10	62.0	54.0	48	60	.334	72.5	54.0	NE	4			0	4	A.St.	W	Pt. Cloudy		[illegible]	5
6	78.0	29.074	.138	28.936	[illegible]	64.0	61.0	59	85	[illegible]	77.2	[illegible]	[illegible]	[illegible]			.64	10	NS		Lt Rain		[illegible]	6
7	76.5	28.972	.134	28.838	[illegible]	[illegible]	[illegible]	62	92	.553	70.0	63.5	W	[illegible]			.07	10	St Cu	W	Cloudy		[illegible]	7
8	74.0	29.196	.129	29.067	[illegible]	64.0	62.0	61	90	.536	68.0	60.6	SW	8			T	8	ASt	W	Cloudy		[illegible]	8
9	73.0	29.364	.126	29.238	30.16	60.8	58.3	57	86	.465	66.0	56.0	W	8			0	0	0	0	Clear		[illegible]	9
10	74.0	29.424	.130	29.294	30.21	68.4	[illegible]	59	73	.499	73.0	61.3	S	2			0	2	ASt	W	Clear		[illegible]	10
11	76.0	29.354	.134	29.220	[illegible]	66.0	[illegible]	61	83	.536	76.7	63.0	NE	5			0	8	ASt	W	Cloudy		[illegible]	11
12	76.0	29.324	.134	29.190	[illegible]	[illegible]	[illegible]	59	82	.498	72.8	59.0	SW	[illegible]			0	1	ASt	W	Clear		[illegible]	12
13	79.0	29.372	.142	29.230	[illegible]	72.8	[illegible]	64	73	.595	79.7	68.8	SW	9			0	2	Ci St	W	Clear		[illegible]	13
14	79.5	29.230	.143	29.087	30.00	71.0	68.7	67	89	.661	71.0	65.6	SW	10			.70	6 1	ASt StCu	W SW	Pt. Cloudy		P.M.S.D.	14
15	77.5	29.302	.138	29.164	30.08	[illegible]	[illegible]	55	79	.432	72.0	54.4	W	6			0	0	0	0	Clear		[illegible]	15
16	76.5	29.360	.136	29.224	30.14	60.0	55.4	52	75	.387	73.8	57.0	E	5			0	0	0	0	Clear		P.M.S.D.	16
17	76.5	29.360	.136	29.224	[illegible]	60.9	55.8	52	73	.387	72.0	54.3	NW	2			0	1	StCu	NW	Clear		P.M.S.D.	17
18	78.0	29.074	.138	28.936	[illegible]	71.0	69.0	68	90	.684	77.2	67.1	SW	10			0	10	StCu	SW	Cloudy		P.M.S.D.	18
19	76.0	29.286	.134	29.152	[illegible]	[illegible]	[illegible]	57	86	.465	65.0	58.6	N	10			0	0	0	0	Clear		P.M.S.D.	19
20	76.0	29.450	.135	29.315	30.24	65.8	59.8	56	71	.448	74.2	58.0	N	1			0	1	ASt	W	Clear		P.M.S.D.	20
21	78.0	29.412	.140	29.272	30.19	67.4	[illegible]	58	71	.482	76.2	63.0	SW	11			0	2	ACu	NW	Clear		P.M.S.D.	21
22	80.0	29.300	.145	29.155	[illegible]	67.2	[illegible]	66	97	.638	82.0	66.1	W	6			.03	10	Dense Fog	W	Foggy		P.M.S.D.	22
23	81.0	29.134	.147	28.987	29.88	74.0	70.8	70	85	.732	82.0	69.0	SW	7			0	8	ASt	NW	Cloudy		P.M.S.D.	23
24	85.5	29.040	.158	28.882	29.77	74.0	66.7	63	69	.575	89.0	72.0	W	8			.01	2 1	Ci St Cu	NW W	Clear		P.M.S.D.	24
25	83.5	29.334	.154	29.180	30.10	60.0	55.2	51	74	.373	72.0	56.9	NE	10			0	1	StCu	NE	Clear		P.M.S.D.	25
26	81.0	29.443	.149	29.294	30.22	59.0	54.5	51	75	.373	68.8	55.4	NE	2			0	5 1	ACu St	W NE	Pt. Cloudy		P.M.S.D.	26
27	78.0	29.410	.140	29.270	30.20	61.4	54.0	49	62	.347	72.6	54.4	SE	2			0	0	0	0	Clear		P.M.S.D.	27
28	77.0	29.430	.138	29.292	30.21	64.0	55.9	50	60	.360	73.8	58.0	SW	7			0	1	StCu	SW	Clear		P.M.S.D.	28
29	78.0	29.356	.140	29.216	30.13	67.0	[illegible]	52	58	.387	79.2	62.8	SW	11			0	0	0	0	Clear		P.M.S.D.	29
30	81.0	29.272	.148	29.124	30.03	68.8	62.8	60	72	.517	83.4	65.2	SW	7			0	2	Ci St.	W	Clear		[illegible]	30
31	80.5	29.140	.146	28.994	29.90	69.3	65.2	63	81	.575	69.3	64.9	SW	7			.01	4 2	A.Cu. St. Cu.	SW SW	Pt. Cloudy		P.M.S.D.	31
Sums	(a)	(a)	(a)	902.854	931.17	2034.2	1895.0	1808	2412	15420	(a)	(a)	(a)	217	(a)	(a)	1.50	108	(a)	(a)	(a)		(a)	(a)
Means	(a)	(a)	(a)	29.124	30.038	65.6	61.1	58.3	77.8	.497	(a)	(a)	(c) SW	7.0	(a)	(a)	(a)	3.5	U ast. L St. Cu.	U W L SW	(a)		(a)	(a)

Reference letters in this form refer to paragraph 121, "Instructions for Preparing Meteorological Forms."

† By dial when self-register is out of order. †† T indicates trace of precipitation.

U, upper clouds. L, lower clouds.

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ORIGINAL MONTHLY RECORD OF OBSERVATIONS at Fort Wayne, Ind., for the Month of July, 192

Number of Station barometer, 656; sum of corrections, −.009 inch.

OBSERVATIONS AT 8 P. M. 75TH MERIDIAN TIME, WHICH CORRESPONDS TO 7:00 P. M. 90 MERIDIAN TIME, THE STANDARD OF TIME IN LOCAL USE; ____ P. M. LOCAL MEAN TIME.

Date.	Barometer. Attached thermometer.	Barometer. Observed reading.	Barometer. Total correction.	Barometer. Station. (Observed reading plus total cor.) (b)	Barometer. Reduced to sea-level. (b)	Thermometers. Dry. (b)	Thermometers. Wet. (b)	Dew-point. (b)	Relative humidity. (b)	Vapor pressure. (b)	Self-reg. ther's. Max. (b)	Self-reg. ther's. Min. (b)	Wind. Dir.	Wind. Velocity. (b) †	Wind. Max. during preceding 12 hours.	Wind. Dir.	Precipitation. Amt. at 8 p. m. (b) ††	Clouds. Amt.	Clouds. Kind.	Clouds. Dir. from.	State of Weather.	Fog, Mid. to Mid. (local standard time). Light. (f)	Fog, Mid. to Mid. (local standard time). Dense. (f)	Initials of observer.	Date.
		In.		In.	In.	°	°	°	%	In.	°	°		Mi.	Mi.		In.								
1	83.0	29.089	.152	28.932	29.[illegible]	70.8	68.0	67	85	.6[illegible]	85.8	67.0	SW	[illegible]			.05	10	Nb	SW	Li. Rain			[illegible]	1
2	82.5	28.965	.149	2[illegible]	[illegible]	78.1	73.6	71	[illegible]	[illegible]	83.[illegible]	6[illegible]	[illegible]	[illegible]			.07	1 7	C.Cu StCu	NW NW	Cloudy			[illegible]	2
3	83.5	29.116	-.153	28.963	29.86	75.7	63.2	56	50	.448	83.6	71.9	NW	8			T	0	0	0	Clear			[illegible]	3
4	83.0	29.294	.153	29.141	30.06	72.5	59.0	50	44	.360	73.4	59.3	N	4			0	1	CiSt.	N	Clear			[illegible]	4
5	79.5	29.170	.143	29.027	29.[illegible]	74.2	[illegible]	[illegible]	[illegible]	.402	77.4	6[illegible]	[illegible]				0	8 2	ASt St	W E	Cloudy			[illegible]	5
6	76.0	28.907	.133	28.774	29.[illegible]	6[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	77.8	62.5	[illegible]	[illegible]			1.87	9 1	ASt St	W S	Cl[illegible]			[illegible]	6
7	76.5	29.156	.135	29.021	29.[illegible]	63.0	[illegible]	58	72	.482	69.0	62.2	NW	[illegible]			0	2	StCu	NW	Cl[illegible]			[illegible]	7
8	75.0	29.214	.132	29.082	30.00	66.0	62.0	60	80	.517	74.6	62.6	W	6			.03	4	ASt	W	Pt. Cloudy			[illegible]	8
9	75.0	29.355	.132	29.24[illegible]	[illegible]	73.0	63.3	58	60	.482	77.[illegible]	60.8	[illegible]	[illegible]			0	2 Few	AST Cu	NW N	Clear			[illegible]	9
10	77.0	29.347	.137	29.210	30.[illegible]	76.7	6[illegible]	58	53	.432	82.5	68.4	SE	[illegible]			0	5	C.Cu	SW	Pt Cloudy			[illegible]	10
11	76.5	29.2[illegible]	.136	29.1[illegible]	[illegible]	72.8	[illegible]	65	76	[illegible]	77.4	[illegible]	SE	[illegible]			0	8 1	AST St	W [illegible]	Cloudy			[illegible]	11
12	81.0	29.300	.148	29.152	[illegible]	79.7	69.5	64	58	.495	84.[illegible]	65.[illegible]	SW	[illegible]			0	2	AST	NW	Clear			[illegible]	12
13	81.5	29.286	.149	29.137	30.05	70.5	67.9	66	88	.638	88.0	66.3	S	12	34	SW	.24	5 5	AST St	NW W	Cloudy			[illegible]	13
14	81.5	29.253	.149	29.104	30.01	72.0	64.3	60	66	.517	80.9	71.0	NW	8			0	4	ASt	W	Pt Cloudy			[illegible]	14
15	79.5	29.292	.144	29.148	30.[illegible]	73.8	62.5	55	[illegible]	.432	79.8	61.9	NW	[illegible]			0	3	ASt	NW	Clear			[illegible]	15
16	79.0	29.290	.142	29.148	30.[illegible]	72.0	59.0	50	46	.3[illegible]	76.8	6[illegible]	NW	5			0	2	AST	W	Clear			[illegible]	16
17	78.0	29.202	.139	29.063	29.[illegible]	77.2	66.0	60	[illegible]	[illegible]	85.5	60.[illegible]	SE	[illegible]			0	8	StCu	W	Cl[illegible]			[illegible]	17
18	80.0	29.110	.144	28.966	29.[illegible]	[illegible]	59.0	55	70	.432	82.6	65.[illegible]	NW	[illegible]	32	NW	.77	9	SCu	NW	Cl[illegible]			PM[illegible]	18
19	78.0	29.310	.140	29.[illegible]	30.09	74.2	63.0	56	54	[illegible]	76.2	62.2	N	5			0	Few	StCu	N	Clear			[illegible]	19
20	79.0	29.367	.142	29.225	30.[illegible]	76.[illegible]	[illegible]	57	51	.465	81.0	[illegible]	SW	[illegible]			0	6	AST	NW	Pt Cloudy			[illegible]	20
21	82.0	29.328	.150	29.178	30.[illegible]	82.0	7[illegible]	65	56	[illegible]	86.1	69.9	SW	[illegible]	28	NW	0	8	St	NW	Cl[illegible]			[illegible]	21
22	85.0	29.209	.158	29.051	29.96	82.0	67.0	59	46	.499	85.2	67.2	NW	5			0	3	AST	NW	Clear		9 9:30 P	[illegible]	22
23	89.0	28.943	.166	28.777	29.67	89.0	73.0	66	46	.638	94.2	74.0	SW	14	31	SW	0	2	AST	W	Clear			[illegible]	23
24	86.0	29.155	.160	28.995	29.[illegible]	72.0	65	58	61	.482	84.8	72.3	NE	[illegible]			0	3	StCu	N	Clear			[illegible]	24
25	84.0	29.364	.156	29.208	30.13	68.8	59.8	50	51	.3[illegible]	72.9	60.0	NE	6			0	2 2	CiSt Cu	W NE	Pt Cloudy			PM[illegible]	25
26	83.0	29.360	.153	29.207	30.13	72.6	55.8	42	33	.26[illegible]	75.7	59.0	NE	3			0	Few	StCu	0?	Clear			[illegible]	26
27	80.0	29.353	.145	29.208	30.13	73.8	59.0	48	41	.334	75.7	61.4	E	3			0	1	Cu	0?	Clear			[illegible]	27
28	80.0	29.345	.145	29.200	30.12	79.2	64.0	54	43	.417	83.2	64.0	SW	5			0	0	0	0	Clear			[illegible]	28
29	83.0	29.221	.152	29.069	29.98	83.4	65.9	56	39	.448	88.2	67.0	SW	12	27	SW	0	2 5	AST StCu	W NW	Pt. Cloudy			[illegible]	29
30	81.0	29.191	.147	29.044	29.95	66.7	64.1	62	87	.555	88.0	62.0	SE	3	28	W	1.75	1 8	AST St	W NW	Cloudy			[illegible]	30
31	83.0	29.133	-.152	28.981	29.89	71.8	58.8	50	46	.360	84.8	69.3	NW	12			0	3	CiSt.	W	Clear			[illegible]	31
Sums	(a)	(a)	(a)	901.355	929.62	2185	1948	1796	1830	15.247	(a)	(a)	(a)	204	(a)	(a)	4.78	145	(a)	(a)	(a)	0	8	(a)	(a)
Means	(a)	(a)	(a)	29.076	29.988	74.1	64.0	57.9	59.0	.492	(a)	(a)	(c) NW	6.6	(a)	(a)	(a)	4.7	U AST L StCu	U W L NW	(a)	(a)	(a)	(a)	(a)

Observations are begun about 7.40 o'clock, 75th meridian time.

† By dial when self-register is out of order. †† T indicates trace of precipitation. U, upper clouds. L, lower clouds.

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ORIGINAL MONTHLY RECORD OF OBSERVATIONS at Fort Wayne, Ind., for the Month of July, 192

Date.	Temperature. Maximum. (b)	Minimum. (b)	Range. (b)	Change. (b)	Mean (max. and min.). (b)	Normal.	Departure.	Total excess or deficiency since 1st of month.	Precipitation. Character. ‡	Beginning.	Ending.	Character. ‡	Beginning.	Ending.	Character. ‡	Beginning.	Ending.	Character. ‡	Beginning.	Ending.	Total (mid. to mid.). (b) ††	Normal.	Departure.	Total excess or deficiency since 1st of month.	Hail and sleet unmelted. 6 p.m. to 6 p.m. *‡‡	Snow unmelted. 6 p.m. to 6 p.m. *‡‡	Hail, sleet, and snow on ground at 6 p.m. *‡‡	Amount of precipitation from melted snow (mid. to mid.).	Date.
	°	°	°	°	°																In.				In.	In.	In.	In.	
Thursday 1	86	64	22	1	75				R	5:58	7:5	R	DNA	—							.09				—	—			1
2	83	65	18	1	74				R	—	7:27a	R	6:28p	6:38p							.62				0	0	0	0	2
3	84	62	22	1	73				R	11:27a	11:29a										T				0	0	0	0	3
4	73	55	18	9	64																0				0	0	0	0	4
5	77	54	23	2	66																0				0	0	0	0	5
6	78	62	16	4	70				R R	4:40a 7:10p	6:05a 7:15p	R R	6:35a 8:59p	9:40a 9:45p	R	11:37a	11:56a	R	1:30p	6:12p	1.98				0	0	0	0	6
7	70	61	9	4	66																0				0	0	0	0	7
8	75	60	15	2	68				R	D.N.a	D.N.a	R	12:06p	12:10p	R	1:27p	1:58p	R R	4:00p 6:00p	4:25p 6.02p	.03				0	0	0	0	8
9	77	56	21	2	66																0				0	0	0	0	9
10	80	61	19	4	70																0				0	0	0	0	10
11	77	63	14	0	70																0				0	0	0	0	11
12	84	59	25	2	72																0				0	0	0	0	12
13	85	66	22	5	[illegible]				R	3:35p	3:10p	R	6:52p	—							[illegible]				[illegible]	[illegible]		[illegible]	13
14	81	57	24	8	69				R	—	DNA										.15				0	0	0	0	14
15	80	54	26	2	[illegible]																0				0				15
16	77	57	20	0	67																0				0	0	0	0	16
17	80	54	26	0	67																0				0	0	0	0	17
18	83	60	23	5	72				R	12:29p	1:35p										.77				0	0	0	0	18
19	76	59	17	4	68																0				0	0	0	0	19
20	81	58	23	2	70																0				0	0	0	0	20
21	86	63	23	4	74				R	7:14p	7:50p										.03				0	0	0	0	21
22	85	66	19	2	76																0				0			0	22
23	94	69	25	6	82				R	10:03p	10:20p										.01				0	0	0	0	23
24	85	62	23	8	[illegible]																0				0	0	0	0	24
25	73	57	16	9	65																0				0	0	0	0	25
26	76	55	21	1	66																0				0	0	0	0	26
27	76	54	22	1	65																0				0	0	0	0	27
28	83	58	25	5	70																0				0	0	0	0	28
29	88	63	25	6	76																0				0	0	0	0	29
30	88	62	26	1	75				R	3:14p	6:00p	R	8:55p	9:18p	R	11:09p	11:41p				1.75				0	0	0	0	30
31	85	60	25	3	72				R	D.N.a	D.N.a										.01				0	0	0	0	31
S	2509	1856	653	104	2186		Total excess or deficiency since January 1,		(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	6.28		Total excess or deficiency since January 1,		0	0	(a)	(a)	(a)
M	80.9	59.9	21.1	3.4	70.5	(a)			(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)			(a)	(a)	(a)	(a)	(a)

All data are in the standard of time in local use. ‡ Use the following abbreviations: R—rain, S^d—dry snow, S^m—moist snow, H—hail, Sl—sleet. †† T indicates trace of precipitation. ‡‡ Enter the local standard time of observation. * Inches and tenths.

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SUMMARY FOR THE MONTH OF July, 192

The 8 a.m. and 8 p.m. means of pressure, dry and wet thermometers, dew-point, humidity, vapor pressure, and mean cloudiness are in 75th meridian time. All other data are in the standard of time in local use.

PRESSURE.

(Correction to reduce to a 24-hour mean -.003)

STATION. Mean. 8 a.m.	8 p.m.	Monthly. (g)	Highest. (h)	Date.	Lowest. (h)	Date.	Absolute range.	REDUCED. Mean. 8 a.m.	8 p.m.	Monthly. (g)	Highest. (h)	Date.	Lowest. (h)	Date.	Absolute range.
29.124	29.076	29.100	29.315	20	28.760	7	0.555	30.038	29.988	30.013	30.24	20	29.66	7	0.58
Corrected mean 29.097								Corrected mean 30.010			3,500-ft			10,000-ft	

TEMPERATURE.

Mean. Dry. 8 a.m.	8 p.m.	(8+8)÷2 (g)	Wet. 8 a.m.	8 p.m.	Monthly. (g)	Max.	Min.	Monthly. (g)	Sea-level. (g)	3,500-ft. (g)	10,000-ft. (g)	Highest. (i)	Date. (i)	Lowest. (i)	Date. (i)	Absolute range.	Greatest daily range. (i)	Date. (i)	Least daily range. (i)	Date. (i)
65.6	74.1	69.8	61.1	64.0	62.6	80.9	59.9	70.4				94	23	54	5	40	26	17	9	7

Dew-point. 8 a.m.	8 p.m.	Monthly. (g)	Relative Humidity. 8 a.m.	8 p.m.	Monthly. (g)	Vapor Pressure. 8 a.m.	8 p.m.	Monthly. (g)
58.3	57.9	58.1	77.8	59.0	68.4	.497	.492	.494

Number of days with—(j) Maximum. 32° or below.	90° or above.	Minimum. 32° or below.	Zero or below.
0	1	0	0

CLOUDS.

Most frequent clouds: a. St.

Most frequent direction upper clouds: W

Most frequent direction lower clouds: NW

WIND.

Total movement (mid. to mid.).	Average hourly velocity.	Prevailing direction. (p)	Maximum velocity. (r)	Direction. (r)	Date. (r)	Number of times wind observed from the— N.	NE.	E.	SE.	S.	SW.	W.	NW.	Calm.
5780	7.8	SW	34	SW	13	5	7	2	7	4	20	8	9	[illegible]

WEATHER.

Mean Cloudiness. 8 a.m.	8 p.m.	Monthly. (t)	Sunshine. Percentage of possible.	Number of Days. Clear.	Partly cloudy.	Cloudy.	Number of Days with Precipitation (Mid. to Mid.). Clear. (u)	Partly cloudy. (u)	Cloudy. (u)
3.5	4.7	4.5	75	12	15	4	1	8	2

MISCELLANEOUS PHENOMENA.

DATES OF—(MIDNIGHT TO MIDNIGHT).

Frosts. Light.	Heavy.	Killing.	Thunderstorms. (v)	Winds. (40 miles or over.)	Solar Halos.	Lunar Halos.	Fog. Light.	Dense.	Haze. Light.	Dense.	Smoke. Light.	Dense.	Hail.	Aurora.
0	0	0	1, 2, 6, 8, 13, 18, 21, 23, 30.	0	0	0	0	22	0	0	0	0	0	0

PRECIPITATION (in inches and hundredths). (m)

Total amount.	Greatest Amount in 24 Consecutive Hours. Amt.	Date. (k)	Excessive. 2.50 Inches in 24 Hours. (l) * Amt.	Duration. h. m.	Date. (k)	1 Inch per Hour. (l) Amt.	Duration. h. m.	Date. (k)	Number of days with—(Mid. to Mid.). Trace.	.01 or more.	.04 or more.	.25 or more.	1.00 or more.	Total.	Snow. Trace or more.	.01 or more melted.	Snow. Total Depth. (o)	Average Depth at End of Month.
6.28	1.98	6		None		1.02	0 52	30	1	11	7	5	2	12	0	0	0	0

(w) Maximum precipitation in 5 minutes .26, date 30; 10 minutes .45, date 6; 15 minutes .54, date 6; 30 minutes .85, date 6; 1 hour 1.05, date 30; 2 hours 1.64, date 6.

EXCESSIVE.

Date.	Total Duration. From—	To—	Total amount of precipitation.	Excessive Rate. Began—	Ended—	Amt. before excessive began.	Accumulated Depths During Excessive Rate for Consecutive Periods of Time Indicated Below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
6	1:30 pm	6:28 pm	1.74	3:42 p	4:17 p	.67	.21	.45	.54	.60	.72	.85	.97							
18	12:27 pm	1:35 pm	0.77	12:32 p	1:19 p	.01	.08	.26	.41	.45	.49	.51	.52	.60	.72	.76				
30	3:14 pm	6:00 pm	1.75	3:21 p	4:33 p	.01	.23	.34	.36	.52	.55	.55	.55	.60	.69	.94	1.05	1.29		

* The duration is the time precipitation was actually recorded.

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Prepared by C. O. Schick, P. M. Kavanaugh, Meteorologist, Weather Bureau.

(9)

ORIGINAL MONTHLY RECORD OF OBSERVATIONS at Fort Wayne, Ind., for the Month of July, 192

Number of Station barometer, 656; sum of corrections, −.009 inch.

SPECIAL OBSERVATIONS.

Date.	Time. 75th mer.	Time. Local (standard).	Barometer. Attached thermometer.	Barometer. Observed reading.	Barometer. Total correction.	Barometer. Station. (Observed reading plus total cor.)	Barometer. Reduced to sea-level.	Thermometers. Dry.	Thermometers. Wet.	Dew-point.	Depression of the dew-point.	Relative humidity.	Maximum thermometer.	Wind. Direction.	Wind. Velocity. †	Wind. Max. since last observation.	Wind. Direction.	Precipitation. ††	Clouds. Amt.	Clouds. Kind.	Clouds. Dir. from.	State of Weather.	Special Phenomena.	Initials of Observer.	Date.
18th	12 00 pm	11 00 pm	78.0	28.984	.155	28.829	29.74	82.0	[illegible]	74	8	76	82.0	SW	18	22	SW	0	10	St Cu	SW	Cloudy	Ordered by C.O.	P.W.[illegible]	[illegible]
23rd	1 00 pm	12 Noon	85.0	29.046	.157	28.889	29.78	92.0	76.5	70	22	50	92.0	SW	20	22	SW	0	6	ASt	W	Pt Cloudy	Ordered by C.O.	[illegible]	25
								Lowest																	
7	3 00 am	2 00 am				28.760	29.66	70.0																	7

If additional space is required, rule a sheet similar to this, and paste to this margin. † By dial when self-register is out of order. †† T indicates trace of precipitation.

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ORIGINAL MONTHLY RECORD OF OBSERVATIONS at ....., *for the Month of* ....., *192*

Wind—Number of Miles and Length of Time From. (*Standard of time in local use,* ..... *meridian.*)

DATE.	N.		NE.		E.		SE.		S.		SW.		W.		NW.		CALM.		TOTAL.	
	MILES.	HOURS.	MILES.	HOURS.	MILES.	HOURS.	MILES.	HOURS.	MILES.	HOURS.	MILES.	HOURS.	MILES.	HOURS.	MILES.	HOURS.	MILES.	HOURS.	MILES.	HOURS.
1																				
2																				
3																				
4																				
5																				
6																				
7																				
8																				
9																				
10																				
11																				
12																				
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31																				
SUM.																				
PERCENTAGE																			*a*	*a*
AVG. HOURLY VELOCITY		*a*		*a*		*a*		*a*		*a*		*a*		*a*		*a*		*a*		*a*

8—154

Form No. 1001—Met'l.

U. S. DEPARTMENT OF AGRICULTURE,

WEATHER BUREAU.

ORIGINAL MONTHLY RECORD

OF

OBSERVATIONS

AT

Fort Wayne, Ind.

For the Month of August, 1920

*Station is supplied with a barograph, thermograph, sunshine recorder, and self-recording rain gage.

†No. of dry thermometer in use, _____; No. of wet thermometer in use, _____; No. of maximum thermometer in use, _____; No. of minimum thermometer in use, _____

†Elevation above ground of the dry thermometer, _____ feet; rain gage, _____ feet; anemometer, _____ feet.

If the office has been moved during the month, give date _____; amount of change in height of barometer, _____ feet (higher or lower).

No. of extra barometer, 675; sum of corrections, -.017; date and observation upon which use of station barometer commenced, May 20, 1911 7:00 am, station elevation, 856 feet; actual elevation, 850 feet.

Location of office: Number Corner Berry & Calhoun street, room 911-912 Shoaff Bldg; first observation taken in present office, 7:00 a m. May 20, 191

*Cancel words that are not appropriate. †To be entered only in December unless changes are made during the year. Changes made during the year will be noted in the appropriate months. 8—15a

ORIGINAL MONTHLY RECORD OF OBSERVATIONS at Fort Wayne, Ind., for the Month of August, 192

Number of Station barometer, 656; sum of corrections, -.009 inch.

OBSERVATIONS AT 8 A. M. 75TH MERIDIAN TIME, WHICH CORRESPONDS TO 7:00 A. M. 90TH MERIDIAN TIME, THE STANDARD OF TIME IN LOCAL USE; A. M. LOCAL MEAN TIME.

Date.	Barometer. Attached thermometer.	Barometer. Observed reading.	Barometer. Total correction.	Barometer. Station. (Observed reading plus total cor.) (b)	Barometer. Reduced to sea-level. (b)	Thermometers. Dry. (b)	Thermometers. Wet. (b)	Dew-point. (b)	Relative humidity. (b)	Vapor pressure. (b)	Self-reg. ther's. Max. (b)	Self-reg. ther's. Min. (b)	Wind. Dir.	Wind. Velocity. (b) †	Wind. Max. during preceding 12 hours.	Wind. Dir.	Precipitation. Amt. at 8 a. m. (b) ††	Clouds. Amt.	Clouds. Kind.	Clouds. Dir. from.	State of Weather.		Initials of observer.	Date.
		In.		In.	In.	°	°	°	%	In.	°	°		Mi.	Mi.		In.							
1	79.0	29.267	.142	29.125	30.04	58.0	50.0	43	57	.277	71.8	53.6	NE	11			0	0	0	0	Clear			1
2	76.0	29.363	.134	29.229	30.15	55.0	49.3	44	67	.287	64.6	49.2	NE	8			0	0	0	0	Clear			2
3	75.0	29.407	.133	29.274	30.20	57.2	52.7	49	74	.347	68.0	51.5	NE	2			0	Few	Ci St	SW	Clear			3
4	75.0	29.410	.133	29.277	30.21	59.6	56.0	53	80	.402	71.3	53.9	NE	3			0	0	0	0	Clear			4
5	76.0	29.348	.134	29.214	30.13	64.6	60.6	59	80	.499	77.0	60.0	0	0			T	10	St Cu	W	Cloudy			5
6	78.0	29.321	.140	29.181	30.09	69.8	65.0	62	78	.553	78.8	64.6	C	0			0	7	AC u	W	Pt. Cloudy			6
7	81.0	29.303	.148	29.155	30.07	66.2	64.0	63	89	[illegible]	75.9	65.6	NE	2			.22	10	St	NW	Sprinkling			7
8	78.0	29.283	.140	29.143	30.05	67.3	64.8	63	88	[illegible]	72.0	64.7	S	[illegible]			0	8	St Cu	W	Cloudy			8
9	78.5	29.233	.141	29.092	30.00	69.0	66.6	65	85	[illegible]	75.3	65.4	S	[illegible]			0	1 8	Cu St	SW SW	Cloudy			9
10	79.0	29.166	.142	29.024	29.92	69.1	66.8	66	89	.638	76.8	67.0	SW	5			.02	2	Cu	NW	Clear			10
11	81.0	29.230	.147	29.083	29.99	68.0	64.3	63	82	.575	80.0	63.0	E	3			0	0	0	0	Clear			11
12	81.0	29.177	.147	29.030	29.93	69.6	65.9	64	82	[illegible]	78.7	[illegible]	E	4			0	6	A St	NW	Pt. Cloudy			12
13	82.0	29.178	.150	29.028	29.93	69.0	66.0	64	86	.595	82.1	69.0	W	7			0	10	St	SW	Cloudy			13
14	81.0	29.268	.148	29.120	30.03	65.7	65.[illegible]	64	96	.595	77.0	64.[illegible]	N	3			.61	7 3	St Lt. Fog	N N	Pt. Cloudy ~~Cloudy~~			14
15	80.5	29.317	.146	29.171	30.07	66.0	63.0	61	85	.536	77.0	62.6	N	4			0	7	A St	W	Pt Cloudy			15
16	78.0	29.281	.140	29.141	30.05	63.0	62.0	61	95	.536	76.6	62.0	NW	14			1.20	10	Nb	NW	Lt. Rain			16
17	76.0	29.355	.134	29.221	30.14	66.0	63.0	61	85	.536	70.0	63.8	N	5			0	0	0	0	Clear			17
18	78.0	29.493	.141	29.352	30.27	66.0	59.3	55	67	.432	77.3	62.8	NE	6			0	0	0	0	Clear			18
19	78.5	29.452	.142	29.310	30.23	66.0	62.0	60	80	.517	74.2	62.8	NE	7			0	0	0	0	Clear			19
20	79.5	29.298	.144	29.154	30.06	69.3	65.8	64	83	.595	77.0	65.6	S	3			0	5	A St	W	Pt. Cloudy			20
21	81.0	29.110	.147	28.963	29.82	74.7	70.6	68	82	.684	80.4	71.2	SW	[illegible]			0	7	A Cu	W	Pt. Cloudy			21
22	78.0	29.373	.140	29.233	30.15	55.0	50.8	48	75	.334	65.0	52.7	N	10			0	0	0	0	Clear			22
23	75.0	29.452	.133	29.319	30.26	52.0	48.0	44	75	.287	59.8	46.6	NE	7			0	1 3	Ci A Cu	NW NW	Pt. Cloudy			23
24	73.5	29.430	.129	27.5[illegible]	30.23	56.0	52.0	49	77	.347	65.9	53.0	NE	6			0	4	A Cu	W	Pt. Cloudy			24
25	73.5	29.423	.129	29.294	30.22	59.0	54.0	50	73	.360	69.0	53.0	E	2			0	0	0	0	Clear			25
26	74.5	29.442	.131	29.311	30.24	61.2	56.5	53	75	.402	72.0	59.2	E	4			0	6 3	A St Cu	W SE	Cloudy			26
27	73.5	29.344	.128	29.216	30.14	64.0	58.0	54	70	.417	70.0	61.0	E	7			0	10	St Cu	E	Cloudy			27
28	73.5	29.217	.128	29.089	30.01	59.3	59.3	59	100	.499	69.2	56.9	E	1			T	10	Dense Fog	E	Foggy			28
29	74.0	29.113	.128	28.985	29.90	62.5	60.8	60	91	.517	71.8	58.8	E	5			T	9	St Cu	S	Cloudy			29
30	76.0	29.211	.134	29.077	29.99	66.7	63.0	61	82	.536	75.8	62.9	SW	4			0	6	Ci St	SW	Pt. Cloudy			30
31	76.5	29.165	.135	29.030	29.94	69.0	66.0	64	86	.595	74.5	67.0	NW	7			0	3	Cu	W	Clear			31
Sums		(a)	(a)	904.142	932.51	1983.8	1871.1	1794	2517	15.261	(a)	(a)	(a)	171	(a)	(a)	1.45	143	(a)	(a)	(a)		(a)	(a)
Means		(a)	(a)	29.166	30.081	64.0	60.4	57.9	81.2	.492	(a)	(a)	(c) NE	5.5	(a)	(a)	(a)	4.6	U {St, a.Cu} L {Cu, Scu}	U W L {SW, W, NW}	(a)		(a)	(a)

Reference letters in this form refer to paragraph 121, "Instructions for Preparing Meteorological Forms."

† By dial when self-register is out of order.

†† T indicates trace of precipitation.

U, upper clouds. L, lower clouds.

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ORIGINAL MONTHLY RECORD OF OBSERVATIONS at Fort [illegible], Kan., for the Month of August, 192C

Number of Station barometer, 656; sum of corrections, −.009 inch.

OBSERVATIONS AT 8 P. M. 75TH MERIDIAN TIME, WHICH CORRESPONDS TO 7:00 P. M. 90 MERIDIAN TIME, THE STANDARD OF TIME IN LOCAL USE; 7:19 P. M. LOCAL MEAN TIME.

Date.	Barometer. Attached thermometer.	Barometer. Observed reading.	Barometer. Total correction.	Barometer. Station. (Observed reading plus total cor.) (b)	Barometer. Reduced to sea-level. (b)	Thermometers. Dry. (b)	Thermometers. Wet. (b)	Dew-point. (b)	Relative humidity. (b)	Vapor pressure. (b)	Self-reg. ther's. Max. (b)	Self-reg. ther's. Min. (b)	Wind. Dir.	Wind. Velocity. (b) †	Wind. Max. during preceding 12 hours.	Wind. Dir.	Precipitation. Amt. at 8 p. m. (b) ††	Clouds. Amt.	Clouds. Kind.	Clouds. Dir. from.	State of Weather.	Fog, Mid. to Mid. (local standard time). Light. (f)	Fog, Mid. to Mid. (local standard time). Dense. (f)	Initials of observer.	Date.
		In.		In.	In.	°	°	°	%	In.	°	°		Mi.	Mi.		In.								
1	82.5	29.268	.152	29.116	30.04	64.6	53.0	43	45	.277	69.2	58.0	N	5			0	1	Cu	NW	Clear			[illegible]	1
2	78.0	29.342	.140	29.202	30.12	68.0	54.3	43	40	.277	71.0	55.0	N	3			0	Few	St	N	Clear			P.M.°D.	2
3	78.5	29.364	.141	29.223	30.14	71.3	58.8	50	47	.360	74.2	57.2	E	3			0	0	0	0	Clear			P.M.°D.	3
4	78.0	29.324	.140	29.184	30.10	77.0	62.8	54	45	.417	79.6	59.6	NE	1			0	3 1	ASt St	NW NE	Pt. Cloudy			P.M.°D.	4
5	79.0	29.297	.142	29.155	30.[illegible]	78.8	[illegible]	57	4[illegible]	.465	83.9	64.6	NW	2			0	3 5	ACu StCu	NW W	Cloudy			[illegible]	5
6	82.6	29.241	.151	29.090	30.[illegible]	78.2	65.6	59	51	.497	91.0	64.5	E	[illegible]			0	2 6	ACu StCu	W SW	Cloudy			[illegible]	6
7	80.5	29.250	.146	29.104	30.0[illegible]	72.0	67.0	65	78	.616	81.0	64.2	S	7	30	SW	.82	8	St	SW	Cloudy			[illegible]	7
8	83.0	29.217	.152	29.065	29.77	75.3	69.0	66	73	.638	80.0	67.5	S	8			0	4	C.St	SW	Pt. Cloudy			[illegible]	8
9	81.0	29.142	.147	28.995	29.90	76.8	70.0	67	72	.661	83.0	69.0	S	[illegible]			0	4	Cu	SW	Pt. Cloudy			[illegible]	9
10	83.6	29.137	.152	28.985	29.[illegible]	80.0	67.0	60	51	.517	85.0	69.1	N	3			0	5	StCu	NW	Pt. Cloudy			[illegible]	10
11	82.0	29.187	.150	29.037	29.94	78.7	68.7	64	60	.595	82.0	68.0	E	3			0	6	ASt	NW	Pt. Cloudy			[illegible]	11
12	83.0	29.119	.152	28.967	29.87	82.1	69.0	63	52	.575	84.2	69.6	SW	1			0	6	ASt	NW	Pt. Cloudy			[illegible]	12
13	82.5	29.159	.151	29.008	29.91	77.0	69.0	65	67	.616	82.1	69.0	NE	4			0	7	Cu	N	Pt. Cloudy			[illegible]	13
14	84.0	29.263	.156	29.107	30.02	77.0	69.0	65	67	.616	81.3	65.7	NW	4			0	5 1	C.St Cu	W W	Pt. Cloudy	B-DNA E-8.15a		[illegible]	14
15	81.0	29.241	.147	29.094	30.00	76.6	70.0	67	72	.661	81.0	66.0	NW	5			T	10	St	SE	Cloudy			[illegible]	15
16	77.0	29.303	.137	29.166	30.07	70.0	63.0	59	68	.499	71.1	62.0	NE	1			.42	10	St Cu	NW	Cloudy			[illegible]	16
17	81.0	29.375	.148	29.227	30.15	77.3	66.3	60	56	.517	82.3	66.0	N	3			0	3	Cu	NE	Clear			[illegible]	17
18	80.5	29.456	.147	29.309	30.23	74.2	65.0	60	61	.517	81.6	66.0	NE	11			0	1	ASt	[illegible]	Clear			[illegible]	18
19	81.0	29.331	.148	29.183	30.10	77.0	72.0	70	79	.732	82.3	66.0	E	9			0	5	ASt	W	Pt. Cloudy			[illegible]	19
20	82.0	29.168	.150	29.[illegible]	29.[illegible]	80.4	73.5	71	74	.751	85.1	69.3	SE	[illegible]			T	5	Cu	S	Pt. Cloudy			[illegible]	20
21	78.0	29.156	.139	29.017	29.93	65.0	60.0	57	75	.465	80.0	63.6	N	10			.01	10	St Cu	N	Cloudy			[illegible]	21
22	82.5	29.423	.153	29.270	30.21	59.8	52.0	45	59	.298	66.2	55.0	NE	9			0	1	Cu	NE	Clear			[illegible]	22
23	75.0	29.408	.133	29.275	30.21	65.9	56.0	48	53	.334	69.6	52.0	NE	2			0	7	ACu	W	Pt. Cloudy			[illegible]	23
24	75.5	29.366	.133	29.233	30.15	69.0	58.5	51	53	.373	74.3	56.0	E	2			0	Few	St	E	Clear			P.M.°D.	24
25	78.0	29.384	.140	29.244	30.17	72.0	59.2	50	47	.360	76.7	59.0	E	3			0	2	ASt	W	Clear			P.M.°D.	25
26	75.0	29.368	.132	29.236	30.16	70.0	60.7	54	59	.417	73.4	61.2	NE	4			T	6 2	ACu StCu	S NE	Cloudy			P.M.°D.	26
27	76.0	29.240	.134	29.106	30.03	69.2	65.7	64	83	.575	76.0	64.0	NE	[illegible]			.04	4 1	ASt St	W W	Pt. Cloudy			[illegible]	27
28	77.0	29.150	.137	29.013	29.93	71.8	67.7	66	82	.638	78.0	59.3	E	6			0	1	St	E	Clear	B-7.10a E-9.23a	B-DNA E-[illegible]	[illegible]	28
29	80.0	29.066	.144	28.922	29.85	75.8	69.8	67	74	.661	81.0	62.5	SW	[illegible]			.34	1	StCu	NW	Clear			[illegible]	29
30	78.0	29.120	.139	28.981	29.89	74.5	67.0	64	68	.595	80.0	66.7	SW	7			T	Few	ASt	W	Clear			P.M.°D.	30
31	79.0	29.230	.147	29.088	30.00	68.0	59.4	54	61	.417	78.0	68.0	NW	7			0	1 1	ASt St.	SW NW	Clear			P.M.°D.	31
Sums	(a)	(a)	[illegible]	[illegible]	930.47	2273.3	1944.4	1828	1920	15165	(a)	(a)	(a)	158	(a)	(a)	16.3	138	(a)	(a)	(a)	2	1	(a)	(a)
Means	(a)	(a)	[illegible]	29.[illegible]	[illegible]	73.3	64.3	59.0	61.9	.515	(a)	(a)	(c) NE	5.1	(a)	(a)	(a)	4.5	U SW L NE	U W L NE NW	(a)	(a)	(a)	(a)	(a)

Observations are begun about 7.40 o'clock, 75th meridian time.

† By dial when self-register is out of order. †† T indicates trace of precipitation. U, upper clouds. L, lower clouds.

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ORIGINAL MONTHLY RECORD OF OBSERVATIONS at Fort Wayne, Ind., for the Month of August, 192

Date.	Temperature. Maximum. (b)	Minimum. (b)	Range. (b)	Change. (b)	Mean (max. and min.). (b)	Normal.	Departure.	Total excess or deficiency since 1st of month.	Precipitation. Character. ‡	Beginning.	Ending.	Character. ‡	Beginning.	Ending.	Character. ‡	Beginning.	Ending.	Character. ‡	Beginning.	Ending.	Total (mid. to mid.). (b) ††	Normal.	Departure.	Total excess or deficiency since 1st of month.	Hail and sleet unmelted. 2 p.m. to 2 p.m. *‡‡	Snow unmelted. 2 p.m. to 2 p.m. *‡‡	Hail, sleet, and snow on ground at 7 p.m. *‡‡	Amount of precipitation from melted snow (mid. to mid.).	Date.
	°	°	°	°	°																In.				In.	In.	In.	In.	
Sunday 1	69	54	15	10	62																0				0	0	0	0	1
2	71	49	22	2	60																0				0	0	0	0	2
3	74	52	22	3	63																0				0	0	0	0	3
4	80	54	26	4	67																0				0	0	0	0	4
5	84	60	24	5	72				R	5:58a	6:20a										T				0	0	0	0	5
6	91	64	27	6	78				R	7:34p	7:40p										T				0	0	0	0	6
7	81	64	17	6	72				R	DNA	7:12a	R	7:41a	9:50a	R	3:05p	4:10p				1.04				0	0	0	0	7
8	80	65	15	0	72																0				0	0	0	0	8
9	83	65	18	2	74																0				0	0	0	0	9
10	85	67	18	2	76				R	DNA	DNA										.02				0	0	0	0	10
11	82	63	19	4	72																0				0	0	0	0	11
12	84	65	19	2	74																0				0	0	0	0	12
13	82	68	14	1	75				R	8:50p	9:59p										.01				0	0	0	0	13
14	81	64	17	3	72																0				0	0	0	0	14
15	81	63	18	0	72				R	4:10p	5:20p	R	7:10p	7:37p	R	8:13p	Cont'd.				.12				0	0	0	0	15
16	71	62	9	6	66				R	Cont'd	10:29a										1.50				0	0	0	0	16
17	82	64	18	7	73																0				0	0	0	0	17
18	82	63	19	1	72																0				0	0	0	0	18
19	82	63	19	0	72																0				0	0	0	0	19
20	85	66	19	4	76				R	12:57p	1:12p										T				0	0	0	0	20
21	80	63	17	4	72				R	11:07a	11:19a	R	12:50p	1:02p	R	2:40p	3:04p				.01				0	0	0	0	21
22	66	53	13	12	60																0				0	0	0	0	22
23	70	47	23	2	58																0				0	0	0	0	23
24	74	53	21	6	64																0				0	0	0	0	24
25	77	53	24	1	65																0				0	0	0	0	25
26	73	59	14	1	66				R	11:00a	11:20a										T				0	0	0	0	26
27	76	60	16	2	68				R	4:00p	4:30p										.04				0	0	0	0	27
28	78	57	21	0	68				R	DNA	DNA										T				0	0	0	0	28
29	81	59	22	2	70				R	5:03a	5:20a	R	7:05a	8:10a	R	9:50a	12:42p				.34				0	0	0	0	29
30	80	63	17	2	72				R	9:48a	9:55a										T				0	0	0	0	30
31	78	60	18	3	69																0				0	0	0	0	31
S	2443	1862	581	103	2152		Total excess or deficiency since January 1,		(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	3.08		Total excess or deficiency since January 1,		0	0	(a)	(a)	(a)
M	78.8	60.1	18.7	3.3	69.4	(a)			(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)			(a)	(a)	(a)	(a)	(a)

All data are in the standard of time in local use. ‡ Use the following abbreviations: R—rain, S^d—dry snow, S^m—moist snow, H—hail, Sl—sleet. †† T indicates trace of precipitation. ‡‡ Enter the local standard time of observation. * Inches and tenths.

8—154

SUMMARY FOR THE MONTH OF August, 192(

The 8 a.m. and 8 p.m. means of pressure, dry and wet thermometers, dew-point, humidity, vapor pressure, and mean cloudiness are in 75th meridian time. All other data are in the standard of time in local use.

PRESSURE.

(Correction to reduce to a 24-hour mean -.004)

STATION. Mean. 8 a.m.	8 p.m.	Monthly. (g)	Highest. (h)	Date.	Lowest. (h)	Date.	Absolute range.	REDUCED. Mean. 8 a.m.	8 p.m.	Monthly. (g)	Highest. (h)	Date.	Lowest. (h)	Date.	Absolute range.
29.166	29.117	29.142	29.360	18	28.900	29	0.460	30.081	30.031	30.056	30.28	18	29.81	29	0.47
Corrected mean		29.138						Corrected mean		30.052	3,500-ft.			10,000-ft.	

TEMPERATURE.

Mean. Dry. 8 a.m.	8 p.m.	(8+8)÷2 (g)	Wet. 8 a.m.	8 p.m.	Monthly. (g)	Max.	Min.	Monthly. (g)	Sea-level. (g)	3,500-ft. (g)	10,000-ft. (g)	Highest. (i)	Date. (i)	Lowest. (i)	Date. (i)	Absolute range.	Greatest daily range. (i)	Date. (i)	Least daily range. (i)	Date. (i)
64.0	73.3	68.6	60.4	64.3	62.4	78.8	60.1	69.4				91	6	47	23	44	27	6	9	16

Dew-point. 8 a.m.	8 p.m.	Monthly. (g)	Relative humidity. 8 a.m.	8 p.m.	Monthly. (g)	Vapor pressure. 8 a.m.	8 p.m.	Monthly. (g)
57.9	59.0	58.4	81.2	61.9	71.6	.492	.515	.504

Number of days with—(j) Maximum. 32° or below.	90° or above.	Minimum. 32° or below.	Zero or below.
0	1	0	0

Clouds.

Most frequent clouds Cu.

Most frequent direction upper clouds W.

Most frequent direction lower clouds NW

WIND.

Total movement (mid. to mid.).	Average hourly velocity.	Prevailing direction. (p)	Maximum velocity. (r)	Direction. (r)	Date. (r)	Number of times wind observed from the— N.	NE.	E.	SE.	S.	SW.	W.	NW.	Calm.
4328	5.8	E	30	SW	7	9	17	14	1	6	6	1	6	2

WEATHER.

Mean Cloudiness. 8 a.m.	8 p.m.	Monthly. (t)	Sunshine. Percentage of possible.	Number of Days. Clear.	Partly cloudy.	Cloudy.	Number of Days with Precipitation (Mid. to Mid.). Clear. (u)	Partly cloudy. (u)	Cloudy. (u)
4.6	4.5	5.2	67	10	11	10	0	2	

MISCELLANEOUS PHENOMENA.

Dates of—(Midnight to Midnight).

Frosts. Light.	Heavy.	Killing.	Thunderstorms. (v)	Winds. (40 miles or over.)	Solar Halos.	Lunar Halos.	Fog. Light.	Dense.	Haze. Light.	Dense.	Smoke. Light.	Dense.	Hail.	Aurora.
0	0	0	6, 7, 10, 13, 11,	0	30	0	14, 23	23	0	0	0	0	0	0

PRECIPITATION (in inches and hundredths). (m)

Total amount.	Greatest amount in 24 consecutive hours. Amt.	Date. (k)	Excessive. 2.50 inches in 24 hours. (l) * Amt.	Duration. h. m.	Date. (k)	1 inch per hour. (l) Amt.	Duration. h. m.	Date. (k)	Number of days with—(Mid. to Mid.). Trace.	.01 or more.	.04 or more.	.25 or more.	1.00 or more.	Total.	Snow. Trace or more.	.01 or more melted.	Snow. Total depth. (o)	Average depth at end of month.
3.08	1.62	15-16	0			0			6	8	5	3	2	14	0	0	0	0

(w) Maximum precipitation in 5 minutes .31, date 7; 10 minutes .57, date 7; 15 minutes .64, date 7;

30 minutes .66, date 7; 1 hour .66, date 7; 2 hours .80, date 16.

EXCESSIVE.

Date.	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amt. before excessive began.	Accumulated depths during excessive rate for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
7	3:05p.	4:10p.	.66	3:11p.	~~3:26p.~~ 3:23p.	.01	.26	.57	.64											

* The duration is the time precipitation was actually recorded.

8—154

Prepared by [illegible], J. McDonough, Meteorologist, Weather Bureau.

(6)

ORIGINAL MONTHLY RECORD OF OBSERVATIONS at Fort Wayne, Ind., for the Month of August, 192

Number of Station barometer, 656; sum of corrections, -.009 inch.

Date.	Time. 75th mer.	Time. Local (standard).	Barometer. Attached thermometer.	Barometer. Observed reading.	Barometer. Total correction.	Barometer. Station. (Observed reading plus total cor.)	Barometer. Reduced to sea-level.	Thermometers. Dry.	Thermometers. Wet.	Dew-point.	Depression of the dew-point.	Relative humidity.	Maximum thermometer.	Wind. Direction.	Wind. Velocity. †	Wind. Max. since last observation.	Wind. Direction.	Precipitation. ††	Clouds. Amt.	Clouds. Kind.	Clouds. Dir. from.	State of Weather.	Special Phenomena.	Initials of Observer.	Date.
18"	30 11 am	30 10 am				27.360	30.28	77.0																	18"
29"	15 4 pm	15 3 pm				28.900	29.81	81.0																	29"

If additional space is required, rule a sheet similar to this, and paste to this margin. † By dial when self-register is out of order. †† T indicates trace of precipitation.

8—154

ORIGINAL MONTHLY RECORD OF OBSERVATIONS at ....., for the Month of ....., 192

Wind—Number of Miles and Length of Time From. (Standard of time in local use, ... meridian.)

DATE.	N.		NE.		E.		SE.		S.		SW.		W.		NW.		CALM.		TOTAL.	
	MILES.	HOURS.	MILES.	HOURS.	MILES.	HOURS.	MILES.	HOURS.	MILES.	HOURS.	MILES.	HOURS.	MILES.	HOURS.	MILES.	HOURS.	MILES.	HOURS.	MILES.	HOURS.
1																				
2																				
3																				
4																				
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27																				
28																				
29																				
30																				
31																				
SUM.																				
PERCENTAGE																			*a*	*a*
AVG. HOURLY VELOCITY		*a*		*a*		*a*		*a*		*a*		*a*		*a*		*a*		*a*		*a*

8—154

Form No. 1001—Met'l.

U. S. DEPARTMENT OF AGRICULTURE,

WEATHER BUREAU.

ORIGINAL MONTHLY RECORD

OF

OBSERVATIONS

AT

Fort Wayne, Ind.

For the Month of September, *192*0.

*Station is supplied with a barograph, thermograph, sunshine recorder, and self-recording rain gage.

†No. of dry thermometer in use, _____; No. of wet thermometer in use, _____; No. of maximum thermometer in use, _____; No. of minimum thermometer in use, _____

†Elevation above ground of the dry thermometer, _____ feet; rain gage, _____ feet; anemometer, _____ feet.

If the office has been moved during the month, give date _____; amount of change in height of barometer, _____ feet (higher or lower).

No. of extra barometer, 675; sum of corrections, -.017; date and observation upon which use of station barometer commenced, May 20, 1911 7 a.m., station elevation, 856 feet; actual elevation, 856 feet.

Location of office: Number Cor. Berry & Calhoun street & room 911-912 Shoaff Bldg.; first observation taken in present office, 7:00 a. m. May 20, 191[illegible]

*Cancel words that are not appropriate. †To be entered only in December unless changes are made during the year. Changes made during the year will be noted in the appropriate months. 8—153

ORIGINAL MONTHLY RECORD OF OBSERVATIONS at Paul Weyrauch Inc., for the Month of ....., 1920.

Number of Station barometer, 656; sum of corrections, −.009 inch.

OBSERVATIONS AT 8 A. M. 75TH MERIDIAN TIME, WHICH CORRESPONDS TO 7:00 A. M. 90" MERIDIAN TIME, THE STANDARD OF TIME IN LOCAL USE; 7:19 A. M. LOCAL MEAN TIME.

Date.	Barometer. Attached thermometer.	Barometer. Observed reading.	Barometer. Total correction.	Barometer. Station. (Observed reading plus total cor.) (b)	Barometer. Reduced to sea-level. (b)	Thermometers. Dry. (b)	Thermometers. Wet. (b)	Dew-point. (b)	Relative humidity. (b)	Vapor pressure. (b)	Self-reg. ther's. Max. (b)	Self-reg. ther's. Min. (b)	Wind. Dir.	Wind. Velocity. (b) †	Wind. Max. during preceding 12 hours.	Wind. Dir.	Precipitation. Amt. at 8 a. m. (b) ††	Clouds. Amt.	Clouds. Kind.	Clouds. Dir. from.	State of Weather.		Initials of observer.	Date.
		In.		In.	In.	°	°	°	%	In.	°	°		Mi.	Mi.		In.							
1	76.0	29.356	.134	29.222	30.14	57.0	53.8	52	82	.387	68.0	54.0	N	5			0	5	Ci St	W	Pt. Cloudy		P.M.C.D.	1
2	74.5	29.473	.131	29.342	30.27	52.3	48.7	45	77	.295	68.4	50.5	NE	6			0	5 1	Ci St St	SW NE	Pt. Cloudy		P.M.C.D.	2
3	72.0	29.507	.125	29.382	30.32	50.6	48.0	45	83	.298	61.9	47.9	NE	6			0	4	Ci St	SW	Pt. Cloudy		P.M.C.D.	3
4	71.0	29.350	.121	29.229	30.15	53.8	51.8	50	88	.360	64.8	50.4	NE	6			0	2	A St	SW	Clear		P.M.C.D.	4
5	71.5	29.158	.122	29.036	29.96	59.9	58.4	58	92	.482	67.8	58.6	NE	3			0	10	St.	NE	Cloudy		P.M.C.D.	5
6	71.0	29.152	.121	29.031	29.95	58.0	57.4	57	96	.465	65.0	56.4	W	3			T	10	Dense fog	W	foggy		P.M.C.D.	6
7	70.0	29.308	.119	29.189	30.11	51.0	50.5	50	97	.360	65.0	51.0	NW	2			0	3	Lt. Fog	NW	Clear		P.M.C.D.	7
8	71.5	29.320	.122	29.198	30.12	55.4	53.0	52	86	.387	71.0	53.4	NE	4			0	1 1	A St Lt. Smoke	NW NE	Clear		P.M.C.D.	8
9	73.0	29.072	.125	28.947	29.86	64.0	62.5	62	92	.535	70.8	63.4	SE	2			.26	10	St	SE	Cloudy		P.M.C.D.	9
10	73.5	29.112	.127	28.985	29.89	65.0	63.3	63	91	.575	70.6	63.0	W	6			T	10	St	W	Cloudy		P.M.C.D.	10
11	73.5	29.100	.127	28.973	29.88	68.0	64.0	62	81	.535	71.2	64.6	S	10			0	2 6	A St Cu	W SW	Cloudy		P.M.C.D.	11
12	75.5	29.000	.132	28.868	29.78	65.7	60.8	58	76	.482	77.0	64.0	SW	12			0	0	0	0	Clear		P.M.C.D.	12
13	75.5	29.156	.133	29.023	29.94	58.2	53.2	49	72	.347	72.5	54.6	W	4			0	1	A St	W	Clear		P.M.C.D.	13
14	75.0	29.210	.132	29.078	30.00	59.5	56.3	54	82	.417	72.0	56.2	S	1			0	0	0	0	Clear		P.M.C.D.	14
15	77.0	29.236	.137	29.099	30.01	67.0	63.3	62	82	.555	75.0	64.6	S	7			0	6 2	A Cu St	NW S	Cloudy		P.M.C.D.	15
16	76.5	29.268	.136	29.132	30.04	62.0	56.2	52	70	.387	74.1	59.7	NW	7			T	0	0	0	Clear		P.M.C.D.	16
17	74.0	29.476	.130	29.346	30.28	55.2	51.0	48	75	.334	64.6	49.0	N	2			0	0	0	0	Clear		P.M.C.D.	17
18	73.0	29.354	.126	29.228	30.15	55.3	50.8	47	74	.322	67.6	52.6	SW	7			0	1	A St	NW	Clear		P.M.C.D.	18
19	74.0	29.392	.130	29.262	30.19	54.0	50.0	47	76	.322	72.7	53.7	NE	12			0	1	St.	NE	Clear		P.M.C.D.	19
20	71.5	29.340	.122	29.218	30.15	51.0	48.0	45	81	.295	62.2	49.0	SE	4			0	8	A St	SW	Cloudy		P.M.C.D.	20
21	72.0	29.340	.124	29.216	30.14	58.0	56.0	55	89	.432	69.1	54.9	E	4			0	0	0	0	Clear		P.M.C.D.	21
22	75.5	29.386	.134	29.252	30.16	66.8	62.8	61	80	.536	79.0	64.0	S	4			0	2	A St	NW	Clear		P.M.C.D.	22
23	78.0	29.330	.140	29.190	30.11	66.0	59.0	54	66	.417	79.0	62.6	SE	7			0	4	Ci St	W	Pt. Cloudy		P.M.C.D.	23
24	79.5	29.244	.143	29.101	30.01	68.5	66.0	64	88	.595	77.2	66.6	S	5			0	9	St Cu	S	Cloudy		P.M.C.D.	24
25	80.5	29.370	.146	29.224	30.13	68.4	67.0	67	93	.661	79.6	66.1	S	4			0	0	0	0	Clear		[illegible]	25
26	82.0	29.360	.150	29.210	30.12	68.8	65.8	64	86	.595	81.0	66.9	S	6			0	5	A Cu	W	Pt. Cloudy		[illegible]	26
27	79.5	29.271	.144	29.127	30.04	67.8	66.9	67	95	.661	71.7	67.8	SW	12			.20	10	Nb	SW	Lt. Rain		[illegible]	27
28	73.5	29.194	.128	29.066	29.99	55.3	50.3	46	71	.310	65.7	52.7	SW	9			0	1	A Cu	NW	Clear		[illegible]	28
29	71.0	29.167	.121	29.046	29.98	46.6	41.0	34	62	.195	66.0	46.6	W	9			0	3	Cu	SW	Clear		[illegible]	29
30	66.0	29.142	.108	29.034	29.97	43.0	40.8	39	83	.237	47.8	40.2	N	8			0	8	St Cu	NE	Cloudy		[illegible]	30
31																								31
Sums	(a)	(a)	(a)	874.254	901.84	1774.1	1676.6	1609	2466	12.825	(a)	(a)	(a)	177	(a)	(a)	0.46	118	(a)	(a)	(a)		(a)	(a)
Means	(a)	(a)	(a)	29.142	30.061	59.1	55.9	53.6	82.2	.428	(a)	(a)	(c) S	5.9	(a)	(a)	(a)	3.9	U A St L St.	U SW NW L NE	(a)		(a)	(a)

Reference letters in this form refer to paragraph 121, "Instructions for Preparing Meteorological Forms."

† By dial when self-register is out of order.

†† T indicates trace of precipitation.

U, upper clouds. L, lower clouds.

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ORIGINAL MONTHLY RECORD OF OBSERVATIONS at Fort Wayne, Ind., for the Month of _____, 1920.

Number of Station barometer, 656; sum of corrections, −.009 inch.

OBSERVATIONS AT 8 P. M. 75TH MERIDIAN TIME, WHICH CORRESPONDS TO 7:00 P. M. 90th MERIDIAN TIME, THE STANDARD OF TIME IN LOCAL USE; 7:19 P. M. LOCAL MEAN TIME.

Date.	Barometer. Attached thermometer.	Barometer. Observed reading.	Barometer. Total correction.	Barometer. Station. (Observed reading plus total cor.) (b)	Barometer. Reduced to sea-level. (b)	Thermometers. Dry. (b)	Thermometers. Wet. (b)	Dew-point. (b)	Relative humidity. (b)	Vapor pressure. (b)	Self-reg. ther's. Max. (b)	Self-reg. ther's. Min. (b)	Wind. Dir.	Wind. Velocity. (b) †	Wind. Max. during preceding 12 hours.	Wind. Dir.	Precipitation. Amt. at 8 p. m. (b) ††	Clouds. Amt.	Clouds. Kind.	Clouds. Dir. from.	State of Weather.	Fog, Mid. to Mid. (local standard time). Light. (f)	Fog, Mid. to Mid. (local standard time). Dense. (f)	Initials of observer.	Date.
		In.		In.	In.	°	°	°	%	In.	°	°		Mi.	Mi.		In.								
1	77.0	29.331	.137	29.194	30.11	68.4	57.0	49	49	.347	73.8	57.0	NE	5			0	2	ASt	W	Clear			CAS.	1
2	77.0	29.475	.143	29.332	30.27	61.9	52.1	43	51	.277	69.1	52.3	NE	8			0	1	ASt	NW	Clear			CAS	2
3	73.0	29.353	.126	29.227	30.15	64.8	54.8	47	53	.322	69.9	50.6	NE	5			0	5	ASt	W	Pt. Cloudy			CAS.	3
4	72.5	29.222	.125	29.097	30.02	67.8	60.3	56	65	.448	75.2	53.8	NE	8			0	6	ACu.	W	Pt. Cloudy			CAS.	4
5	73.0	29.081	.125	28.956	29.88	65.0	63.3	63	91	.575	72.0	59.9	NE	5			0	8	StCu.	E	Cloudy			P.McD.	5
6	73.5	29.210	.128	29.082	30.00	65.0	59.0	55	70	.432	68.3	57.0	NW	3			0	2	St	W	Clear		B-DNR E-7:00a	P.McD.	6
7	73.0	29.291	.126	29.165	30.08	71.0	59.5	47	43	.322	76.6	51.0	NW	2			0	2	ASt	W	Clear	B-6:15a E-7:00a		CAS	7
8	73.5	29.200	.128	29.072	29.99	70.8	62.8	58	64	.482	77.2	55.4	E	5			0	3 5	ACu Cu	W SE	Cloudy			CAS.	8
9	75.5	28.964	.132	28.832	29.73	70.0	65.0	62	77	.555	78.0	63.4	SW	9			.01	2 3	ASt CuNb	W W	Pt. Cloudy R			CAS	9
10	75.0	29.187	.132	29.055	29.97	71.2	65.0	62	72	.555	75.0	65.0	O	0			0	4	Cu	W	Pt. Cloudy			CAS	10
11	77.0	29.023	.136	28.887	29.80	77.0	70.0	67	71	.661	82.0	68.0	W	6	27	SW	0	8	cu.	SW	Cloudy			CAS.	11
12	78.0	29.022	.138	28.884	29.79	72.5	60.5	52	50	.387	82.2	65.7	NW	7			0	1	St	NW	Clear			P.McD.	12
13	76.0	29.153	.134	29.019	29.94	72.0	60.5	53	51	.402	79.0	58.2	E	4			0	6	ASt	W	Pt. Cloudy			CAS	13
14	78.5	29.207	.141	29.066	29.99	75.0	64.4	59	57	.499	85.0	59.5	SE	5			0	2	Cu	E	Clear			CAS.	14
15	78.5	29.090	.140	28.950	29.86	73.9	68.9	67	78	.661	77.7	66.1	SW	11	28	SW	.24	10	St	W	Cloudy			CAS	15
16	77.0	29.374	.137	29.237	30.16	64.6	56.8	51	62	.373	76.0	62.0	N	9			0	0	0	0	Clear			CAS.	16
17	75.0	29.359	.132	29.227	30.15	67.6	55.8	47	47	.322	75.0	55.2	SW	6			0	0	0	0	Clear			CAS	17
18	76.0	29.225	.134	29.091	30.01	70.7	61.2	53	49	.402	82.8	55.3	SW	5			0	0	0	0	Clear			CAS.	18
19	75.5	29.352	.133	29.219	30.14	62.2	55.2	50	64	.360	71.0	54.0	E	9			0	Few	St	E	Clear			P.McD.	19
20	73.5	29.240	.128	29.112	30.03	69.1	63.6	60	74	.517	83.2	51.0	E	8			0	4	ASt	NW	Pt. Cloudy			CAS	20
21	76.0	29.283	.134	29.149	30.06	79.0	65.0	57	47	.465	88.0	58.0	S	6			0	0	0	0	Clear			CAS	21
22	80.0	29.279	.145	29.134	30.04	79.0	64.0	55	44	.432	87.6	66.8	SE	4			0	3	ASt	NW	Clear			CAS.	22
23	80.5	29.200	.146	29.054	29.96	77.2	66.2	60	56	.517	84.7	66.0	SE	6			0	Few	ASt	S	Clear			CAS	23
24	82.5	29.231	.151	29.080	29.99	79.6	70.9	67	65	.661	86.9	67.6	SW	6			.01	3	Cu	SW	Clear			CAS	24
25	83.5	29.307	.154	29.153	30.06	81.0	70.5	66	60	.638	88.8	68.4	S	4			0	2	Cu	S	Clear			CAS	25
26	81.0	29.268	.148	29.120	30.03	71.7	67.0	65	79	.616	83.4	64.1	S	7	29	SW	.77	7	Cu	W	Pt. Cloudy			CAS	26
27	77.0	29.207	.137	29.070	29.99	65.7	58.1	53	64	.402	70.9	65.7	NW	5			.20	3	Cu	SW	Clear			CAS	27
28	74.0	29.113	.128	28.985	29.90	66.0	51.0	36	33	.211	76.2	55.3	W	7	27	W	0	0	0	0	Clear			CAS	28
29	70.0	29.220	.118	29.102	30.04	47.8	44.8	42	80	.266	54.0	46.0	NW	9			0	8	StCu	NW	Cloudy			P.McD.	29
30	65.5	29.116	.106	29.010	29.95	50.5	44.6	36	60	.211	52.0	43.0	N	11			T	10	St	N	Cloudy			P.McD.	30
31																									31
Sums	(a)	(a)	(a)	872.561	900.09	2081.0	1815.2	1635	1826	13318	(a)	(a)	(a)	185	(a)	(a)	1.23	110	(a)	(a)	(a)			(a)	(a)
Means	(a)	(a)	(a)	29.085	30.003	69.4	60.5	54.6	60.9	444	(a)	(a)	(c) NE 39 NW	6.2	(a)	(a)	(a)	3.7	U A.St. L Cu	U W L N	(a)	(a)	(a)	(a)	(a)

Observations are begun about 7.40 o'clock, 75th meridian time.

† By dial when self-register is out of order. †† T indicates trace of precipitation. U, upper clouds. L, lower clouds.

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ORIGINAL MONTHLY RECORD OF OBSERVATIONS at [illegible], for the Month of [illegible], 1920

Date.	Temperature. Maximum. (b)	Minimum. (b)	Range. (b)	Change. (b)	Mean (max. and min.). (b)	Normal.	Departure.	Total excess or deficiency since 1st of month.	Precipitation. Character. ‡	Beginning.	Ending.	Character. ‡	Beginning.	Ending.	Character. ‡	Beginning.	Ending.	Character. ‡	Beginning.	Ending.	Total (mid. to mid.). (b) ††	Normal.	Departure.	Total excess or deficiency since 1st of month.	Hail and sleet unmelted. 7 p.m. to 7 p.m. *‡‡	Snow unmelted. 7 p.m. to 7 p.m. *‡‡	Hail, sleet, and snow on ground at 7 p.m. *‡‡	Amount of precipitation from melted snow (mid. to mid.).	Date.
	°	°	°	°	°																In.				In.	In.	In.	In.	
1	74	54	20	5	64																0				0	0	0	0	1
2	69	50	19	4	60																0				0	0	0	0	2
3	70	48	22	1	59																0				0	0	0	0	3
4	75	50	25	9	62																0				0	0	0	0	4
5	72	59	13	4	66				R.	8:15p	8:45p										T				0	0	0	0	5
6	68	56	12	4	62																0				0	0	0	0	6
7	77	51	26	2	62																0				0	0	0	0	7
8	77	53	24	1	65				R	6:55p	7:22p	R	10:00p	Cont'd.							.02				0	0	0	0	8
9	78	63	15	5	70				R R	Cont'd 12:54p	DNA 1:15p	R R	5:45a 2:53p	6:20a 3:15p	R	9:02a	9:21a	R	9:48a	10:06a	.25				0	0	0	0	9
10	75	63	12	1	69				R	DNA	DNA										T				0	0	0	0	10
11	82	64	18	4	73																0				0	0	0	0	11
12	82	59	23	3	70																0				0	0	0	0	12
13	79	55	24	3	67																0				0	0	0	0	13
14	85	56	29	3	70																0				0	0	0	0	14
15	78	65	13	2	72				R	12:21p	1:30p	R	5:54p	6:15p	R	9:05p	9:30p				.24				0	0	0	0	15
16	76	56	20	6	66																0				0	0	0	0	16
17	75	49	26	4	62																0				0	0	0	0	17
18	83	53	30	6	68																0				0	0	0	0	18
19	71	52	19	6	62																0				0	0	0	0	19
20	83	49	34	4	66																0				0	0	0	0	20
21	88	55	33	6	72																0				0	0	0	0	21
22	88	64	24	4	76																0				0	0	0	0	22
23	85	63	22	2	74																0				0	0	0	0	23
24	87	67	20	3	77				R	7:04a	7:30a										.01				0	0	0	0	24
25	89	66	23	1	78																0				0	0	0	0	25
26	83	64	19	4	74				R	11:45a	1:23p										.77				0	0	0	0	26
27	71	56	15	10	64				R	DNA	8:42a	R	12:48p	12:54p							.40				0	0	0	0	27
28	76	53	23	0	64																0				0	0	0	0	28
29	58	43	15	14	50																0				0	0	0	0	29
30	52	40	12	4	46				R	2:55p	4:15p										T				0	0	0	0	30
31																													31
S	2306	1676	630	119	1992		Total excess or deficiency since January 1,		(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	1.69		Total excess or deficiency since January 1,		0	0	(a)	(a)	(a)
M	76.9	55.9	21.0	4.0	66.4	(a)			(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)			(a)	(a)	(a)	(a)	(a)

All data are in the standard of time in local use. ‡ Use the following abbreviations: R—rain, S^d—dry snow, S^m—moist snow, H—hail, Sl—sleet. †† T indicates trace of precipitation. ‡‡ Enter the local standard time of observation. * Inches and tenths.

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SUMMARY FOR THE MONTH OF September, 1920

The 8 a.m. and 8 p.m. means of pressure, dry and wet thermometers, dew-point, humidity, vapor pressure, and mean cloudiness are in 75th meridian time. All other data are in the standard of time in local use.

PRESSURE.

(Correction to reduce to a 24-hour mean -.005)

STATION. Mean. 8 a.m.	8 p.m.	Monthly. (g)	Highest. (h)	Date.	Lowest. (h)	Date.	Absolute range.	REDUCED. Mean. 8 a.m.	8 p.m.	Monthly. (g)	Highest. (h)	Date.	Lowest. (h)	Date.	Absolute range.
29.142	29.085	29.114	29.382	3	28.820	9	0.562	30.061	30.003	30.032	30.32	3	29.72	9	0.60
Corrected mean		29.109						Corrected mean		30.027	3,500-ft.			10,000-ft.	

TEMPERATURE.

MEAN. Dry. 8 a.m.	8 p.m.	(8+8)÷2 (g)	Wet. 8 a.m.	8 p.m.	Monthly. (g)	Max.	Min.	Monthly. (g)	Sea-level. (g)	3,500-ft. (g)	10,000-ft. (g)	Highest. (i)	Date. (i)	Lowest. (i)	Date. (i)	Absolute range.	Greatest daily range. (i)	Date. (i)	Least daily range. (i)	Date. (i)
59.1	69.4	64.2	55.9	60.5	58.2	76.9	55.9	66.4				89	25	40	30	49	34	20	12	

Dew-point. 8 a.m.	8 p.m.	Monthly. (g)	Relative humidity. 8 a.m.	8 p.m.	Monthly. (g)	Vapor pressure. 8 a.m.	8 p.m.	Monthly. (g)
53.6	54.6	54.1	82.2	60.9	71.6	.428	.444	.436

Number of days with—(j) Maximum. 32° or below.	90° or above.	Minimum. 32° or below.	Zero or below.
0	0	0	0

CLOUDS.

Most frequent clouds: a. St.

Most frequent direction upper clouds: W

Most frequent direction lower clouds: SW

WIND.

Total movement (mid. to mid.).	Average hourly velocity.	Prevailing direction. (p)	Maximum velocity. (r)	Direction. (r)	Date. (r)	Number of times wind observed from the— N.	NE.	E.	SE.	S.	SW.	W.	NW.	Calm.
5042	7.0	S	29	SW	26	5	11	5	6	10	9	6	7	1

WEATHER.

Mean cloudiness. 8 a.m.	8 p.m.	Monthly. (t)	Sunshine. Percentage of possible.	Number of days. Clear.	Partly cloudy.	Cloudy.	Number of days with precipitation (mid. to mid.). Clear. (u)	Partly cloudy. (u)	Cloudy. (u)
3.9	3.7	4.4	66	13	10	7	0	3	3

MISCELLANEOUS PHENOMENA.

DATES OF—(MIDNIGHT TO MIDNIGHT).

Frosts. Light.	Heavy.	Killing.	Thunderstorms. (v)	Winds. (40 miles or over.)	Solar halos.	Lunar halos.	Fog. Light.	Dense.	Haze. Light.	Dense.	Smoke. Light.	Dense.	Hail.	Aurora.
30	0	0	9, 15, 26, 27	0	13, 22	0	7	6	0	0	8	0	0	0

PRECIPITATION (in inches and hundredths). (m)

Total amount.	Greatest amount in 24 consecutive hours. Amt.	Date. (k)	Excessive. 2.50 inches in 24 hours. (l) * Amt.	Duration. h. m.	Date. (k)	1 inch per hour. (l) Amt.	Duration. h. m.	Date. (k)	Number of days with—(mid. to mid.). Trace.	.01 or more.	.04 or more.	.25 or more.	1.00 or more.	Total.	Snow. Trace or more.	.01 or more melted.	Snow. Total depth. (o)	Average depth at end of month.
1.69	1.17	26-27	0			0			3	6	4	3	0	9	0	0	0	0

(w) Maximum precipitation in 5 minutes .27, date 26"; 10 minutes .39, date 26"; 15 minutes .58, date 26";

30 minutes .75, date 26"; 1 hour .76, date 26"; 2 hours .77, date 26".

EXCESSIVE.

Date.	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amt. before excessive began.	Accumulated depths during excessive rate for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
26"	11:45 a	1:23 p	.77	11:59 a	12:23 p	.02 ~~.01~~	.18	.33	.57	.69	.73 ~~.77~~									

* The duration is the time precipitation was actually recorded.

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Prepared by CDS

O. M. Longley, Meteorologist, Weather Bureau.

(9)

ORIGINAL MONTHLY RECORD OF OBSERVATIONS at Fort Wayne, Ind., for the Month of [illegible], 1920.

Number of Station barometer, 656; sum of corrections, −.009 inch.

SPECIAL OBSERVATIONS.

Date.	Time. 75th mer.	Time. Local (standard).	Barometer. Attached thermometer.	Barometer. Observed reading.	Barometer. Total correction.	Barometer. Station. (Observed reading plus total cor.)	Barometer. Reduced to sea-level.	Thermometers. Dry.	Thermometers. Wet.	Dew-point.	Depression of the dew-point.	Relative humidity.	Maximum thermometer.	Wind. Direction.	Wind. Velocity. †	Wind. Max. since last observation.	Wind. Direction.	Precipitation. ††	Clouds. Amt.	Clouds. Kind.	Clouds. Dir. from.	State of Weather.	Special Phenomena.	Initials of Observer.	Date.
28"	12 Noon	11 00 am	72.5	29.149	.125	29.024	29.94	72.5	54.0	37	36	28	72.5	W	19			0	0	0	0	Clear	Ordered by CO	[illegible]	28"
								L° overall																	
9"	6 00 pm	5 00 pm				28.820	29.72	76.0																	

If additional space is required, rule a sheet similar to this, and paste to this margin. † By dial when self-register is out of order. †† T indicates trace of precipitation.

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ORIGINAL MONTHLY RECORD OF OBSERVATIONS at ....., for the Month of ....., 192

Wind—Number of Miles and Length of Time From. (Standard of time in local use, ... meridian.)

DATE.	N.		NE.		E.		SE.		S.		SW.		W.		NW.		CALM.		TOTAL.	
	MILES.	HOURS.	MILES.	HOURS.	MILES.	HOURS.	MILES.	HOURS.	MILES.	HOURS.	MILES.	HOURS.	MILES.	HOURS.	MILES.	HOURS.	MILES.	HOURS.	MILES.	HOURS.
1																				
2																				
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26																				
27																				
28																				
29																				
30																				
31																				
SUM.																				
PERCENTAGE																			*a*	*a*
AVG. HOURLY VELOCITY		*a*		*a*		*a*		*a*		*a*		*a*		*a*		*a*		*a*		*a*

8—154

Form No. 1001—Met'l.

U. S. DEPARTMENT OF AGRICULTURE,

WEATHER BUREAU.

ORIGINAL MONTHLY RECORD

OF

OBSERVATIONS

AT

Fort Wayne, Ind.

For the Month of October, 1920.

*Station is supplied with a barograph, thermograph, sunshine recorder, and self-recording rain gage.

†No. of dry thermometer in use, _____; No. of wet thermometer in use, _____; No. of maximum thermometer in use, _____; No. of minimum thermometer in use, _____

†Elevation above ground of the dry thermometer, _____ feet; rain gage, _____ feet; anemometer, _____ feet.

If the office has been moved during the month, give date _____; amount of change in height of barometer, _____ feet (higher or lower).

No. of extra barometer, 675; sum of corrections, -.017; date and observation upon which use of station barometer commenced, May 20, 1911 7 am, _____, station elevation, 856 feet; actual elevation, 856 feet.

Location of office: Number Corner of Berry & Calhoun street & room 911-912 Swoyer Bldg; first observation taken in present office, 7 00 a. m. May 20, 1911.

*Cancel words that are not appropriate. †To be entered only in December unless changes are made during the year. Changes made during the year will be noted in the appropriate months. 8—154

ORIGINAL MONTHLY RECORD OF OBSERVATIONS at _____, for the Month of _____, 1920.

Number of Station barometer, 656; sum of corrections, -.009 inch.

OBSERVATIONS AT 8 A. M. 75TH MERIDIAN TIME, WHICH CORRESPONDS TO 7:00 A. M. 90° MERIDIAN TIME, THE STANDARD OF TIME IN LOCAL USE; 2:29 A. M. LOCAL MEAN TIME.

Date.	Barometer. Attached thermometer.	Barometer. Observed reading.	Barometer. Total correction.	Barometer. Station. (Observed reading plus total cor.) (b)	Barometer. Reduced to sea-level. (b)	Thermometers. Dry. (b)	Thermometers. Wet. (b)	Dew-point. (b)	Relative humidity. (b)	Vapor pressure. (b)	Self-reg. ther's. Max. (b)	Self-reg. ther's. Min. (b)	Wind. Dir.	Wind. Velocity. (b) †	Wind. Max. during preceding 12 hours.	Wind. Dir.	Precipitation. Amt. at 8 a. m. (b) ††	Clouds. Amt.	Clouds. Kind.	Clouds. Dir. from.	State of Weather.		Initials of observer.	Date.
		In.		In.	In.	°	°	°	%	In.	°	°		Mi.	Mi.		In.							
1	62.0	29.148	.097	29.051	29.99	41.8	38.0	33	71	.187	50.5	41.6	NW	9			0	9	St	NW	Cloudy		[illegible]	1
2	63.5	29.263	.102	29.161	30.09	39.2	34.8	28	65	.150	49.0	36.6	SW	12			0	3	Lt. Smoke	SW	Clear		[illegible]	2
3	64.0	29.247	.102	29.145	30.07	53.2	46.3	39	59	.237	57.2	49.4	SW	12			0	9	Cu	W	Cloudy		[illegible]	3
4	66.0	29.324	.108	29.216	30.14	57.7	53.2	50	75	.366	63.0	53.0	W	7			0	2	Lt. Haze	—	Clear		[illegible]	4
5	67.0	29.555	.111	29.444	30.38	48.2	45.0	42	78	.266	63.8	45.5	N	6			0	0	0	0	Clear		[illegible]	5
6	68.5	29.634	.116	29.518	30.46	43.0	40.0	36	78	.211	56.3	40.0	N	3			0	0	0	0	Clear		[illegible]	6
7	67.0	29.512	-.111	29.401	30.34	44.0	41.5	39	82	.237	58.0	40.6	0	0			0	0	0	0	Clear		P.M.S.D.	7
8	68.0	29.404	-.114	29.290	30.23	45.1	40.6	35	68	.203	61.6	42.6	SW	6			0	0	0	0	Clear		P.M.S.D.	8
9	68.0	29.405	-.114	29.291	30.23	47.6	43.0	38	69	.228	63.0	45.7	SW	8			0	0	0	0	Clear		P.M.S.D.	9
10	70.0	29.400	.119	29.281	30.21	53.3	49.3	46	75	.310	69.0	51.8	W	1			0	1	Lt. Smoke	E	Clear		P.M.S.D.	10
11	70.5	29.288	.120	29.168	30.09	59.8	52.8	47	63	.322	69.3	58.0	SW	13			0	4	ACu	NW	Pt. Cloudy		[illegible]	11
12	73.0	29.341	.126	29.215	30.14	57.0	50.7	45	65	.298	74.0	55.2	SW	7			0	0	0	0	Clear		[illegible]	12
13	73.0	29.352	.126	29.226	30.15	60.1	52.0	45	58	.288	71.0	58.4	SW	7			0	4	ACu	W	Pt. Cloudy		[illegible]	13
14	73.0	29.268	.126	29.142	30.06	60.2	51.0	43	52	.277	71.8	58.0	S	8			0	8	ASt	NW	Cloudy		[illegible]	14
15	74.0	29.244	.129	29.115	30.04	62.6	55.0	49	62	.347	72.0	62.6	S	10			0	5	ASt	NW	Pt. Cloudy		[illegible]	15
16	74.0	29.328	.129	29.199	30.12	59.6	54.1	52	80	.385	74.0	55.8	SW	1			.05	[illegible]	[illegible]	0	Clear		[illegible]	16
17	73.0	29.528	.127	29.401	30.33	50.3	50.0	50	98	.360	65.8	49.2	NE	[illegible]			0	10	Dense Fog	NE	Foggy		[illegible]	17
18	71.5	29.423	.123	29.300	30.23	53.7	52.2	51	91	.323	63.9	52.0	E	7			0	9	ASt	W	Cloudy		[illegible]	18
19	71.0	29.385	.122	29.263	30.19	61.6	58.6	57	84	.465	66.2	59.0	S	3			0	1 2	Cu Lt. Smoke	SW S	Clear		[illegible]	19
20	72.5	29.443	.126	29.317	30.24	62.0	56.8	54	73	.417	73.0	60.2	S	7			0	4	ACu	NW	Pt. Cloudy		[illegible]	20
21	74.0	29.500	.130	29.370	30.30	59.6	56.1	54	81	.417	74.0	58.0	SW	5			0	3	Lt. Smoke	S	[illegible]			21
22	74.0	29.433	.135	29.8[illegible]3	[illegible]	57.8	54.0	51	[illegible]	[illegible]	73.2	55.6	[illegible]	[illegible]			0	2 3	Cu [illegible]	[illegible]	[illegible]			22
23	74.0	29.347	.129	29.218	30.14	56.3	52.8	50	79	.360	72.8	54.0	SE	2			0	4	ASt	W	Pt. Cloudy		[illegible]	23
24	73.5	29.284	.128	29.156	30.08	59.0	54.5	51	75	.353	[illegible]	[illegible]	[illegible]				0	7 1	St Cu	S	[illegible]			24
25	71.5	29.251	.122	29.129	30.06	51.0	48.0	45	87	[illegible]	61.2	50.0	E	4			.26	10	ASt	S	[illegible]			25
26	68.5	28.978	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	50	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			.23	1	St	S	[illegible]			26
27	67.5	28.740	.110	28.630	[illegible]	56.0	55.0	54	94	[illegible]	61.4	56.0	W	2			.09	10	St	W	Cloudy			27
28	64.5	29.120	.103	[illegible]	[illegible]	39.6	32.0	31	[illegible]	[illegible]	46.5	32.6	[illegible]	[illegible]			.16	9	St Cu	W	Cloudy			28
29	64.5	29.396	.105	29.291	30.24	32.5	32.0	32	95	[illegible]	38.4	32.5	NW	3			0	2	St Cu	W	Clear			29
30	64.0	29.556	.103	29.453	[illegible]	31.8	28.8	24	69	.124	39.3	30.2	SW	8			0	0	0	0	Clear			30
31	64.0	29.402	.103	29.299	30.24	42.5	38.0	32	66	.180	47.0	34.8	SW	11			0	1 3	a. cu. u. St	NW NW	Pt. Cloudy			31
Sums	(a)	(a)		905.874	934.71	1603.7	1481.1	1366	2347	9348	(a)	(a)	(a)	203	(a)	(a)	1.29	112	(a)	(a)	(a)		(a)	(a)
Means	(a)	(a)		29.222	30.152	51.7	47.8	44.1	75.7	.302	(a)	(a)	(c) SW	6.5	(a)	(a)	(a)	3.6	U ast L Smoke	U NW L W	(a)		(a)	(a)

Reference letters in this form refer to paragraph 121, "Instructions for Preparing Meteorological Forms."

† By dial when self-register is out of order.

†† T indicates trace of precipitation.

U, upper clouds. L, lower clouds.

8—154

ORIGINAL MONTHLY RECORD OF OBSERVATIONS at [illegible], for the Month of [illegible], 192 0.

Number of Station barometer, 656; sum of corrections, −.009 inch.

OBSERVATIONS AT 8 P. M. 75TH MERIDIAN TIME, WHICH CORRESPONDS TO 2:00 P. M. 90TH MERIDIAN TIME, THE STANDARD OF TIME IN LOCAL USE; 2:19 P. M. LOCAL MEAN TIME.

Date.	Barometer. Attached thermometer.	Barometer. Observed reading.	Barometer. Total correction.	Barometer. Station. (Observed reading plus total cor.) (b)	Barometer. Reduced to sea-level. (b)	Thermometers. Dry. (b)	Thermometers. Wet. (b)	Dew-point. (b)	Relative humidity. (b)	Vapor pressure. (b)	Self-reg. ther's. Max. (b)	Self-reg. ther's. Min. (b)	Wind. Dir.	Wind. Velocity. (b) †	Wind. Max. during preceding 12 hours.	Wind. Dir.	Precipitation. Amt. at 8 p. m. (b) ††	Clouds. Amt.	Clouds. Kind.	Clouds. Dir. from.	State of Weather.	Fog, Mid. to Mid. (local standard time). Light. (f)	Fog, Mid. to Mid. (local standard time). Dense. (f)	Initials of observer.	Date.
		In.		In.	In.	°	°	°	%	In.	°	°		Mi.	Mi.		In.								
1	69.0	29.182	.116	29.066	30.01	49.0	43.2	36	62	.211	54.0	41.8	W	10			0	1	St	W	Clear			P.M.S.D.	1
2	67.0	29.248	.110	29.138	30.07	57.2	47.2	36	46	.211	64.4	39.2	S	9			0	0	0	0	Clear			P.M.S.D.	2
3	66.0	29.264	.108	29.156	30.08	63.0	56.2	51	66	.373	69.1	53.2	SW	7			0	2	Cu	W	Clear			[illegible]	3
4	70.5	29.420	.121	29.299	30.23	63.8	48.3	31	29	.172	74.0	37.7	NW	6			0	0	0	0	Clear			P.M.S.D.	4
5	72.0	29.560	.125	29.435	30.38	56.3	48.9	42	59	.266	65.0	48.2	NE	7			0	0	0	0	Clear			P.M.S.D.	5
6	71.0	29.520	.122	29.398	30.34	58.0	49.7	42	55	.266	63.8	43.0	E	3			0	0	0	0	Clear			P.M.S.D.	6
7	71.5	29.378	.123	29.255	30.19	61.6	50.6	40	46	.247	68.8	44.0	S	6			0	0	0	0	Clear			P.M.S.D.	7
8	70.0	29.320	.119	29.201	30.13	63.0	49.5	36	36	.211	72.0	45.1	S	9			0	0	0	0	Clear			P.M.S.D.	8
9	71.5	29.340	.122	29.218	30.14	69.0	55.8	46	43	.310	78.0	47.6	SW	8			0	0	0	0	Clear			P.M.S.D.	9
10	72.5	29.281	.125	29.156	30.08	69.3	55.3	44	40	.287	80.1	53.3	SW	12			0	0	0	0	Clear			[illegible]	10
11	75.5	29.246	.133	29.113	30.03	74.0	61.3	54	48	.417	82.6	59.8	SW	11	26	SW	0	0	0	0	Clear			P.M.S.D.	11
12	76.0	29.300	.134	29.166	30.09	71.0	57.8	48	44	.334	79.4	57.0	S	7			0	2	St	S	Clear			P.M.S.D.	12
13	75.5	29.270	.133	29.137	30.06	71.8	57.3	46	40	.310	81.0	60.1	S	7			0	0	0	0	Clear			P.M.S.D.	13
14	75.5	29.212	.133	29.079	30.00	72.0	63.0	58	61	.482	81.4	60.2	S	9	26	SW	0	0	0	0	Clear			P.M.S.D.	14
15	77.0	29.160	.137	29.023	29.93	74.0	63.3	56	54	.443	80.6	62.2	S	14	[illegible]	S	T	10	Nb	SW	Lt. R[illegible]			P.M.S.D.	15
16	75.5	29.424	.134	29.290	30.22	65.8	60.1	56	72	.44[illegible]	74.7	57.6	N	4			0	0	0	0	Clear			P.M.S.D.	16
17	73.0	29.437	.127	29.310	30.25	63.[illegible]	5[illegible].9	54	70	.417	72.[illegible]	5[illegible].2	E	8			0	8	ASt	N	Cloudy	B-9:15 a E-10:20 a	B-[illegible] E-[illegible]	[illegible]	17
18	73.0	29.330	.126	29.204	30.12	66.2	62.2	60	80	.517	78.8	53.7	E	4			.05	10	StCu	NW	Cloudy			P.M.S.D.	18
19	73.5	29.385	.129	29.256	30.19	73.0	60.3	52	47	.387	81.8	61.6	S	6			0	1	StCu	S	Clear			P.M.S.D.	19
20	74.0	29.438	.130	29.308	30.23	74.0	63.0	56	54	.448	81.0	62.0	SW	3			0	0	0	0	Clear			[illegible]	20
21	76.0	29.442	.135	29.307	30.24	73.2	62.8	56	56	.448	81.0	59.6	SW	3			0	0			[illegible]			[illegible]	21
22	76.0	29.336	.134	29.202	30.18	72.8	60.3	52	48	.387	81.4	57.8	W	5			0	0	0	0	Clear			[illegible]	22
23	75.5	29.290	.133	29.157	30.08	74.0	64.0	58	58	.482	81.3	56.3	SW	1			0	8	StCu	SW	C[illegible]			[illegible]	23
24	74.0	29.227	.129	29.098	30.02	61.2	56.7	53	76	.402	74.0	57.0	N	3			0	8	ASt	W	C[illegible]			[illegible]	24
25	71.0	29.131	.121	29.010	29.94	5[illegible].0	49.5	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			.27	10	Nb	[illegible]	[illegible]			[illegible]	25
26	71.0	28.902	.120	28.782	29.69	61.4	60.9	60	97	.517	68.0	59.6	SW	5			.24	10	Nb	SW	L[illegible]			[illegible]	26
27	68.0	28.974	.112	28.862	29.79	46.0	45.0	44	93	.287	56.0	46.0	SW	14	30	W	.31	10	Nb	[illegible]	[illegible]			[illegible]	27
28	67.0	29.228	.110	29.118	30.06	38.4	35.9	32	79	.180	42.8	35.8	W	8			.06	10	St	W	Cloudy			P.M.S.D.	28
29	67.5	29.472	.113	29.359	30.32	39.3	36.2	32	75	.180	45.0	32.5	W	10			T	8	StCu	W	Cloudy			P.M.S.D.	29
30	69.0	29.472	.117	29.355	30.33	47.0	41.0	34	60	.195	54.4	31.8	SW	8			0	[illegible]	[illegible]	0	Clear			[illegible]	30
31	69.0	29.282	.108	29.174	30.10	55.1	44.1	43	65	.277	60.8	42.5	SW	8			0	8	ASt	NW	Cloudy			[illegible]	31
Sums	(a)	(a)	(a)	[illegible]	[illegible]	[illegible]	1672.0	1456	1844	10.451	(a)	(a)	(a)	225	(a)	(a)	0.93	106	(a)	(a)	(a)	1	1	(a)	(a)
Means	(a)	(a)	[illegible]	[illegible]	30.112	[illegible]	53.1	47.0	59.0	.337	(a)	(a)	(c) SW	7.3	(a)	(a)	(a)	3.04	U 4 L 5	U 4 L 5	(a)	(a)	(a)	(a)	(a)

Observations are begun about 7.40 o'clock, 75th meridian time.

† By dial when self-register is out of order. †† T indicates trace of precipitation. U, upper clouds. L, lower clouds.

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ORIGINAL MONTHLY RECORD OF OBSERVATIONS at [illegible], for the Month of [illegible], 192 0.

Date.	Temperature. Maximum. (b)	Minimum. (b)	Range. (b)	Change. (b)	Mean (max. and min.). (b)	Normal.	Departure.	Total excess or deficiency since 1st of month.	Precipitation. Character. ‡	Beginning.	Ending.	Character. ‡	Beginning.	Ending.	Character. ‡	Beginning.	Ending.	Character. ‡	Beginning.	Ending.	Total (mid. to mid.). (b) ††	Normal.	Departure.	Total excess or deficiency since 1st of month.	Hail and sleet unmelted. 7 p.m. to 7 p.m. *‡‡	Snow unmelted. 7 p.m. to 7 p.m. *‡‡	Hail, sleet, and snow on ground at 7 p.m. *‡‡	Amount of precipitation from melted snow (mid. to mid.).	Date.
	°	°	°	°	°																In.				In.	In.	In.	In.	
1	54	42	12	2	48																0				0	0	0	0	1
2	64	37	27	2	50																0				0	0	0	0	2
3	69	47	22	8	58																0				0	0	0	0	3
4	74	53	21	6	64																0				0	0	0	0	4
5	65	46	19	8	56																0				0	0	0	0	5
6	64	40	24	4	52																0				0	0	0	0	6
7	69	41	28	3	55																0				0	0	0	0	7
8	72	43	29	3	58																0				0	0	0	0	8
9	78	46	32	4	62																0				0	0	0	0	9
10	80	52	28	4	66																0				0	0	0	0	10
11	83	58	25	4	70																0				0	0	0	0	11
12	79	55	24	3	67																0				0	0	0	0	12
13	81	58	23	3	70																0				0	0	0	0	13
14	81	58	23	0	70																0				0	0	0	0	14
15	80	61	19	0	70				R	5:45p	Cont'd.										.04				0	0	0	0	15
16	75	56	19	4	66				R	Cont'd	DNA										.01				0	0	0	0	16
17	72	49	23	6	60																0				0	0	0	0	17
18	79	52	27	6	66				R	4:40p	6:10p										.05				0	0	0	0	18
19	82	59	23	4	70																0				0	0	0	0	19
20	81	60	21	0	70																0				0	0	0	0	20
21	81	58	23	0	70																0				0	0	0	0	21
22	81	56	25	2	68																0				0	0	0	0	22
23	81	54	27	0	68																0				0	0	0	0	23
24	74	55	19	4	64																0				0	0	0	0	24
25	56	50	6	11	53				R	DNA	DNA	R	[illegible]	[illegible]							[illegible]				0	0	0	0	25
26	68	56	12	9	62				R	Cont'd	DNA	R	10:20a	11:30a	R	3:20p	3:50p				.45				0	0	0	0	26
27	58	44	14	11	51				R R	DNA 3:02p	DNA 3:15p	R R	6:55a 5:00p	[illegible] 5:55p	R R	[illegible] 6:30p	[illegible] Cont'd	R	[illegible]	[illegible]	.45				0	0	0	0	27
28	44	36	8	11	40				H R	Cont'd 2:10p	DNA 3:52p	[illegible] Sm	12:16p 3:52p	12:12p 4:13p	R R	1:15p 4:13p	1:30p 4:35p	Sl	[illegible]	[illegible]	.14				0	T	0	[illegible]	28
29	45	32	13	2	38				Sm	10:04a	10:14a										T				0	T	0		29
30	54	30	24	4	42																0				0	0	0	0	30
31	61	40	21	8	50																0				0	0	0	0	31
S	2185	1524	661	136	1854		Total excess or deficiency since January 1,		(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	2.22		Total excess or deficiency since January 1,		0	T	(a)	(a)	(a)
M	70.5	49.2	21.3	4.4	59.8	(a)			(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)			(a)	(a)	(a)	(a)	(a)

All data are in the standard of time in local use. ‡ Use the following abbreviations: R—rain, Sd—dry snow, Sm—moist snow, H—hail, Sl—sleet. †† T indicates trace of precipitation. ‡‡ Enter the local standard time of observation. * Inches and tenths.

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SUMMARY FOR THE MONTH OF October, 1926

The 8 a.m. and 8 p.m. means of pressure, dry and wet thermometers, dew-point, humidity, vapor pressure, and mean cloudiness are in 75th meridian time. All other data are in the standard of time in local use.

PRESSURE.

(Correction to reduce to a 24-hour mean -.006.)

STATION. Mean. 8 a.m.	8 p.m.	Monthly. (g)	Highest. (h)	Date.	Lowest. (h)	Date.	Absolute range.	REDUCED. Mean. 8 a.m.	8 p.m.	Monthly. (g)	Highest. (h)	Date.	Lowest. (h)	Date.	Absolute range.
29.222	29.182	29.202	29.530	6	28.590	27	0.940	30.152	30.112	30.132	30.47	6	29.50	27	0.97
Corrected mean		29.196						Corrected mean		30.126	3,500-ft			10,000-ft	

TEMPERATURE.

Mean. Dry. 8 a.m.	8 p.m.	(8+8)÷2 (g)	Wet. 8 a.m.	8 p.m.	Monthly. (g)	Max.	Min.	Monthly. (g)	Sea-level. (g)	3,500-ft. (g)	10,000-ft. (g)	Highest. (i)	Date. (i)	Lowest. (i)	Date. (i)	Absolute range.	Greatest daily range. (i)	Date. (i)	Least daily range. (i)	Date. (i)
51.7	62.4	57.0	47.8	53.9	50.8	70.5	49.2	59.8				83	11	30	30	53	32	9	[illegible]	[illegible]

Dew-point. 8 a.m.	8 p.m.	Monthly. (g)	Relative humidity. 8 a.m.	8 p.m.	Monthly. (g)	Vapor pressure. 8 a.m.	8 p.m.	Monthly. (g)	Number of days with—(j) Maximum. 32° or below.	90° or above.	Minimum. 32° or below.	Zero or below.
44.1	47.0	45.6	75.7	59.6	67.6	.302	.337	.320	0	0	1	0

Clouds.

Most frequent clouds 2 St

Most frequent direction upper clouds W & NW

Most frequent direction lower clouds —

WIND.

Total movement (mid. to mid.).	Average hourly velocity.	Prevailing direction. (p)	Maximum velocity. (r)	Direction. (r)	Date. (r)	Number of times wind observed from the— N.	NE.	E.	SE.	S.	SW.	W.	NW.	Calm.
6085	8.2	SW	30	S	15	5	2	6	1	13	23	[illegible]	[illegible]	[illegible]

WEATHER.

Mean cloudiness. 8 a.m.	8 p.m.	Monthly. (t)	Sunshine. Percentage of possible.	Number of days. Clear.	Partly cloudy.	Cloudy.	Number of days with precipitation (mid. to mid.). Clear. (u)	Partly cloudy. (u)	Cloudy. (u)
3.6	3.4	4.3	70	16	7	8	1	1	5

MISCELLANEOUS PHENOMENA.

Dates of—(midnight to midnight).

Frosts. Light.	Heavy.	Killing.	Thunderstorms. (v)	Winds. (40 miles or over.)	Solar halos.	Lunar halos.	Fog. Light.	Dense.	Haze. Light.	Dense.	Smoke. Light.	Dense.	Hail.	Aurora.
2,5,7	6	29,30	18,25	0	1,12,23	0	17	17	4	0	2,10,19, 21,22	0	0	0

PRECIPITATION (in inches and hundredths). (m)

Total amount.	Greatest amount in 24 consecutive hours. Amt.	Date. (k)	Excessive. 2.50 inches in 24 hours. (l) * Amt.	Duration. h. m.	Date. (k)	1 inch per hour. (l) Amt.	Duration. h. m.	Date. (k)	Number of days with—(mid. to mid.). Trace.	.01 or more.	.04 or more.	.25 or more.	1.00 or more.	Total.	Snow. Trace or more.	.01 or more melted.	Snow. Total depth. (o)	Average depth at end of month.
2.22	1.26	⊗ 25-26	0			0			1	7	6	3	1	8	2	0	T	0

⊗ From 3:30 am of 25th to 1:20 am of 26th

(w) Maximum precipitation in 5 minutes 0.07, date 27"; 10 minutes 0.10, date 27"; 15 minutes 0.14, date 27";

30 minutes 0.18, date 27"; 1 hour 0.31, date 25"; 2 hours 0.55, date 25".

EXCESSIVE.

Date.	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amt. before excessive began.	Accumulated depths during excessive rate for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
						— None —														

* The duration is the time precipitation was actually recorded.

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Prepared by [illegible], [illegible], Weather Bureau.

(9)

ORIGINAL MONTHLY RECORD OF OBSERVATIONS at [illegible], *for the Month of* [illegible], *1920*

Number of Station barometer, 656; *sum of corrections,* −.009 *inch.*

SPECIAL OBSERVATIONS.

Date.	Time. 75th mer.	Time. Local (standard).	Barometer. Attached thermometer.	Barometer. Observed reading.	Barometer. Total correction.	Barometer. Station. (Observed reading plus total cor.)	Barometer. Reduced to sea-level.	Thermometers. Dry.	Thermometers. Wet.	Dew-point.	Depression of the dew-point.	Relative humidity.	Maximum thermometer.	Wind. Direction.	Wind. Velocity. †	Wind. Max. since last observation.	Wind. Direction.	Precipitation. ††	Clouds. Amt.	Clouds. Kind.	Clouds. Dir. from.	State of Weather.	Special Phenomena.	Initials of Observer.	Date.
								Highest																	
6"	9 30 am	8 30 am				29.530	30.47	54.0																	6"
								Lowest																	
27"	10 20 am	9 20 am				28.590	29.50	55.0																	27"

If additional space is required, rule a sheet similar to this, and paste to this margin. † By dial when self-register is out of order. †† T indicates trace of precipitation.

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ORIGINAL MONTHLY RECORD OF OBSERVATIONS at ....., for the Month of ....., 192

Wind—Number of Miles and Length of Time From. (Standard of time in local use, ... meridian.)

DATE.	N.		NE.		E.		SE.		S.		SW.		W.		NW.		CALM.		TOTAL.	
	MILES.	HOURS.	MILES.	HOURS.	MILES.	HOURS.	MILES.	HOURS.	MILES.	HOURS.	MILES.	HOURS.	MILES.	HOURS.	MILES.	HOURS.	MILES.	HOURS.	MILES.	HOURS.
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31																				
SUM.																				
PERCENTAGE																			*a*	*a*
AVG. HOURLY VELOCITY		*a*		*a*		*a*		*a*		*a*		*a*		*a*		*a*		*a*		*a*

8—154

Form No. 1001—Met'l.

U. S. DEPARTMENT OF AGRICULTURE,

WEATHER BUREAU.

ORIGINAL MONTHLY RECORD

OF

OBSERVATIONS

AT

Fort Wayne, Ind.

For the Month of May, *192*0.

*Station is supplied with a barograph, thermograph, sunshine recorder, and self-recording rain gage.

†No. of dry thermometer in use, _____; No. of wet thermometer in use, _____; No. of maximum thermometer in use, _____; No. of minimum thermometer in use, _____

†Elevation above ground of the dry thermometer, _____ feet; rain gage, _____ feet; anemometer, _____ feet.

If the office has been moved during the month, give date _____; amount of change in height of barometer, _____ feet (higher or lower).

No. of extra barometer, 675; sum of corrections, -.017; date and observation upon which use of station barometer commenced, May 20, 1911, 7 a. m., station elevation, 856 feet; actual elevation, 856 feet.

Location of office: Number Corner of Berry & Calhoun street & room 911-912 Shoaff Bldg.; first observation taken in present office, 7:00 a. m. May 20, 191

*Cancel words that are not appropriate. †To be entered only in December unless changes are made during the year. Changes made during the year will be noted in the appropriate months. 8—154

ORIGINAL MONTHLY RECORD OF OBSERVATIONS at [illegible], for the Month of [illegible], 192[illegible]

Number of Station barometer, 6.56; sum of corrections, [illegible] inch.

OBSERVATIONS AT 8 A. M. 75TH MERIDIAN TIME, WHICH CORRESPONDS TO [illegible] A. M. [illegible] MERIDIAN TIME, THE STANDARD OF TIME IN LOCAL USE; [illegible] A. M. LOCAL MEAN TIME.

Date.	Barometer. Attached thermometer.	Barometer. Observed reading.	Barometer. Total correction.	Barometer. Station. (Observed reading plus total cor.) (b)	Barometer. Reduced to sea-level. (b)	Thermometers. Dry. (b)	Thermometers. Wet. (b)	Dew-point. (b)	Relative humidity. (b)	Vapor pressure. (b)	Self-reg. ther's. Max. (b)	Self-reg. ther's. Min. (b)	Wind. Dir.	Wind. Velocity. (b) †	Wind. Max. during preceding 12 hours.	Wind. Dir.	Precipitation. Amt. at 8 a. m. (b) ††	Clouds. Amt.	Clouds. Kind.	Clouds. Dir. from.	State of Weather.		Initials of observer.	Date.
		In.		In.	In.	°	°	°	%	In.	°	°		Mi.	Mi.		In.							
1	68.5	29.240	.114	29.12[illegible]	30.[illegible]	48.4	43.[illegible]	[illegible]	[illegible]	.2[illegible]	55.1	43.[illegible]	SW	[illegible]			[illegible]	8 2	ASt St	W SW	C[illegible]		[illegible]	1
2	66.0	28.880	.107	28.773	2[illegible]	38.0	37.0	36	91	.2[illegible]	[illegible]	38.[illegible]	[illegible]	[illegible]			[illegible]	8	St Cu	W	C[illegible]		[illegible]	2
3	62.5	29.086	.098	28.988	29.93	38.6	38.1	38	96	.228	38.6	36.7	W	10	2[illegible]		T	10	St Cu	W	Cloudy		[illegible]	3
4	66.5	29.050	.108	28.942	29.[illegible]	39.2	36.2	32	76	.18[illegible]	41.3	5[illegible]	SW	[illegible]			0	8	St Cu	W	C[illegible]		[illegible]	4
5	66.5	29.455	.110	29.345	30.29	36.2	35.1	34	90	.195	50.3	36.0	W	7			0	0	0	0	Clear		[illegible]	5
6	68.5	29.690	.116	29.574	30.52	39.4	39.9	36	88	.211	48.9	38.0	E	3			0	7	St Cu	E	Pt Cloudy		PMSD	6
7	68.0	29.477	.114	29.363	30.31	44.0	43.5	43	96	.277	50.0	44.0	E	4			.31	10	Nb	E	Lt. Rain		PMSD.	7
8	68.5	29.450	.115	29.335	30.28	47.0	45.4	44	88	.287	50.3	45.0	NW	2			0	9	St Cu	NW	Cloudy		[illegible]	8
9	68.0	29.060	.112	28.948	29.88	[illegible]	[illegible]	53	[illegible]	[illegible]	58.[illegible]	48.[illegible]	[illegible]				.20	6	St Cu	SW	[illegible]		[illegible]	9
10	65.5	29.450	.107	29.343	30.29	36.8	35.3	33	87	.187	44.6	36.8	NW	8			0	10	St Cu	NW	Cloudy		PMSD	10
11	65.0	29.350	.105	29.245	30.19	25.6	24.5	22	86	.113	34.6	25.6	SW	8			0	0	0	0	Clear		PMSD	11
12	64.0	29.620	.103	29.517	30.49	20.0	18.6	15	79	.081	29.6	19.6	W	8			.01	Few	St	W	Clear		[illegible]	12
13	62.0	29.676	.099	29.577	[illegible]	14.2	[illegible]	10	76	.063	25.2	[illegible]	[illegible]	[illegible]			0	1 1	ASt St	[illegible]	[illegible]		[illegible]	13
14	60.0	29.552	.093	29.459	30.43	18.0	16.0	10	68	.063	26.8	18.0	SW	8			0	Few	St	SW	Clear		[illegible]	14
15	59.0	29.500	.090	29.[illegible]	3[illegible]	26.[illegible]	2[illegible]	21	79	[illegible]	32.5	26.6	SW	[illegible]			T	9	St Cu	[illegible]	C[illegible]		[illegible]	15
16	64.0	29.582	.103	29.479	30.44	24.9	23.8	22	86	.113	32.5	24.7	NE	12			T	10	St	NE	Cloudy		[illegible]	16
17	64.0	29.114	.102	29.012	29.96	29.0	28.0	26	89	.136	29.0	25.4	NW	12			.10	10	Nb	NW	Lt. Snow		[illegible]	17
18	64.0	29.406	.103	29.303	30.26	31.0	28.0	23	69	.118	31.0	26.0	SW	9			0	7 2	ASt St	W SW	Cloudy		PMSD	18
19	64.5	29.340	.104	29.23[illegible]	30.[illegible]	34.9	31.8	28	72	.150	37.0	32.4	SW	[illegible]			0	5	AS1	W	Pt Cloudy		[illegible]	19
20	64.5	29.186	.104	29.082	30.01	44.0	41.0	35	78	.228	54.0	44.0	SW	7			0	5	ASt	NW	Pt Cloudy		[illegible]	20
21	67.5	28.960	.111	28.849	29.[illegible]	53.0	49.0	45	75	.298	55.0	5[illegible]	S	[illegible]			0	10	St Cu	SW	C[illegible]		[illegible]	21
22	67.0	28.792	.109	28.683	29.60	44.4	43.3	42	92	.266	58.9	43.8	NW	9			T	10	Nb	NW	Lt. Rain		[illegible]	22
23	65.0	29.026	.104	28.922	29.86	40.0	38.9	38	91	.228	40.0	35.0	NW	10			.02	10	St	NW	Cloudy		[illegible]	23
24	66.5	29.136	.109	29.027	29.97	40.0	39.0	38	92	.228	41.6	39.4	W	7			.08	10	Nb	W	Lt. Rain		[illegible]	24
25	65.0	29.248	.105	29.143	30.08	38.6	37.2	35	88	.203	39.8	38.4	NW	8			.01	10	Nb	NW	Sprinkling		PMSD	25
26	62.0	29.478	.098	29.380	30.34	31.4	29.4	26	79	.136	33.8	31.2	W	7			0	10	St	W	Cloudy		PMSD	26
27	66.0	29.352	.108	29.244	30.19	32.5	31.0	28	85	.150	34.0	30.9	S	4			.02	10	St	S	Cloudy		[illegible]	27
28	67.0	29.370	.111	29.259	30.21	30.6	29.6	28	89	.150	37.0	29.8	E	6			0	0	0	0	Clear		PMSD	28
29	63.5	29.464	.102	29.362	30.32	32.2	29.6	26	73	.136	38.0	32.0	E	9			0	9	St Cu	E	Cloudy		[illegible]	29
30	69.0	29.430	.117	29.313	30.25	45.4	43.2	41	84	.256	45.8	42.3	S	6			T	3 5	a.st. St.Cu.	W S	Cloudy		[illegible]	30
31																								31
Sums	(a)	(a)	(a)	876.239	904.60	1083.3	1027.9	949	2492	5.630	(a)	(a)	(a)	257	(a)	(a)	1.11	215	(a)	(a)	(a)		(a)	(a)
Means	(a)	(a)	(a)	29.208	30.153	36.1	34.3	31.6	83.1	.188	(a)	(a)	(c) SW	8.6	(a)	(a)	(a)	7.2	U a.st L St.Cu.	U W L SW	(a)		(a)	(a)

Reference letters in this form refer to paragraph 121, "Instructions for Preparing Meteorological Forms."

† By dial when self-register is out of order. †† T indicates trace of precipitation. U, upper clouds. L, lower clouds.

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ORIGINAL MONTHLY RECORD OF OBSERVATIONS at [illegible], for the Month of [illegible], 192[illegible]

Number of Station barometer, 656; sum of corrections, −.009 inch.

OBSERVATIONS AT 8 P. M. 75TH MERIDIAN TIME, WHICH CORRESPONDS TO [illegible] P. M. [illegible] MERIDIAN TIME, THE STANDARD OF TIME IN LOCAL USE; [illegible] P. M. LOCAL MEAN TIME.

Date.	Barometer. Attached thermometer.	Barometer. Observed reading.	Barometer. Total correction.	Barometer. Station. (Observed reading plus total cor.) (b)	Barometer. Reduced to sea-level. (b)	Thermometers. Dry. (b)	Thermometers. Wet. (b)	Dew-point. (b)	Relative humidity. (b)	Vapor pressure. (b)	Self-reg. ther's. Max. (b)	Self-reg. ther's. Min. (b)	Wind. Dir.	Wind. Velocity. (b) †	Wind. Max. during preceding 12 hours.	Wind. Dir.	Precipitation. Amt. at 8 p. m. (b) ††	Clouds. Amt.	Clouds. Kind.	Clouds. Dir. from.	State of Weather.	Fog, Mid. to Mid. (local standard time). Light. (f)	Fog, Mid. to Mid. (local standard time). Dense. (f)	Initials of observer.	Date.
		In.		In.	In.	°	°	°	%	In.	°	°		Mi.	Mi.		In.								
1	70.0	29.005	.118	28.887	29.32	55.2	54.0	52	89	.293	55.2	49.2	S	[illegible]			.22	10	St	S	Cloudy			[illegible]	1
2	68.5	28.966	.114	28.852	29.78	37.2	36.0	34	89	.195	38.0	33.0	SW	22	2[illegible]	[illegible]	T	10	Nb	SW	Lt. Snow			[illegible]	2
3	71.0	29.121	.120	29.001	29.97	41.3	38.5	34	75	.195	47.8	38.6	SW	[illegible]			0	4	ASt	NW	Cloudy			[illegible]	3
4	72.0	29.134	.124	29.010	29.95	50.3	43.3	35	56	.203	60.2	39.2	W	12	31	SW	0	0	0	0	Clear			[illegible]	4
5	71.0	29.578	.122	29.456	30.41	48.9	44.1	39	69	.237	56.0	36.2	W	1			0	3	ACu	W	Clear			[illegible]	5
6	71.0	29.588	.122	29.466	30.42	50.0	46.0	42	74	.266	57.0	39.4	E	8			0	10	ASt	NW	Cloudy			[illegible]	6
7	72.0	29.484	.125	29.359	30.31	50.3	47.8	45	84	.298	50.4	44.0	NW	3			.15	10	St	NW	Cloudy			P.M.S.	7
8	69.5	29.233	.117	29.116	[illegible]	56.1	44.5	44	80	.287	34.8	[illegible]	S	[illegible]			T	10	Nb	S	Lt. Rain			[illegible]	8
9	68.0	29.255	.113	29.142	30.07	44.6	41.1	37	73	.219	59.8	44.6	W	16	30	[illegible]	0	10	StCu	W	Cloudy			[illegible]	9
10	72.0	29.420	.125	29.295	30.4[illegible]	34.6	36.0	22	55	.113	39.7	34.6	W	2			0	3	Cu	NW	Clear			[illegible]	10
11	71.0	29.439	.122	29.317	30.28	29.6	28.1	26	84	.136	36.9	25.6	W	13	25	W	T	10	StCu	NW	Cloudy				11
12	69.0	29.674	.118	29.556	30.54	23.2	20.2	12	60	.070	27.0	16.0	W	10			.01	3	StCu	NW	Clear			[illegible]	12
13	69.0	29.584	.117	29.467	30.44	26.8	22.2	11	46	.066	31.0	16.2	SW	8			0	0	0	0	Clear			[illegible]	13
14	68.0	29.492	.101	29.391	30.36	32.5	28.0	20	56	.103	34.4	18.0	SW	5			0	10	St	SW	Cloudy			P.M.S.	14
15	70.0	29.634	.120	29.514	30.47	32.5	31.0	28	85	.150	37.1	26.0	NE	12			T	10	Nb	NE	Lt. Snow			[illegible]	15
16	71.0	29.285	.121	29.164	30.12	26.6	26.1	26	94	.136	28.6	24.9	N	10			.08	10	Nb	N	Heavy Snow			[illegible]	16
17	72.0	29.407	.125	29.282	30.24	30.1	26.1	18	57	.093	34.9	29.0	SW	8			T	8	ASt	NW	Cloudy			[illegible]	17
18	71.5	29.350	.122	29.228	[illegible]	37.0	33.0	27	66	.125	41.5	31.5	SW	2			0	3	ASt	W	Clear			[illegible]	18
19	70.0	29.198	.118	29.080	30.02	54.0	46.0	38	54	.228	56.6	34.9	SW	15			0	6	ASt	W	Pt. Cloudy			[illegible]	19
20	71.5	29.074	.121	28.953	29.88	55.0	51.0	48	76	.334	62.6	44.6	S	11			0	0	0	0	Clear			[illegible]	20
21	69.0	28.872	.114	28.758	29.67	58.9	54.4	51	75	.373	61.4	53.0	S	8			0	10	StCu	SW	Cloudy			[illegible]	21
22	71.0	28.896	.120	28.756	29.69	35.6	34.1	32	87	.180	44.4	35.6	W	17			.62	10	Nb	W	Lt. Snow			[illegible]	22
23	72.0	29.113	.123	28.990	29.93	41.2	40.0	39	90	.237	41.2	39.1	W	3			.01	10	St	NW	Cloudy			[illegible]	23
24	70.5	29.187	.120	29.067	30.01	39.8	39.0	38	94	.228	41.1	38.6	W	9			T	10	St	W	Cloudy			[illegible]	24
25	69.5	29.426	.113	29.313	30.26	33.8	33.3	28	79	.13[illegible]	39.4	23.6	NW	9			T	10	St	NW	Cloudy			[illegible]	25
26	71.5	29.434	.123	29.31[illegible]	30.27	35.6	29.6	27	72	.14[illegible]	33.1	30.0	SE	5			0	10	St	S	Cloudy			[illegible]	26
27	70.5	29.283	.120	29.163	30.10	37.0	34.0	30	74	.164	43.0	32.5	E	5			0	0	0	0	Clear			[illegible]	27
28	66.5	29.450	.110	29.340	30.29	38.0	36.0	33	83	.187	43.4	30.6	E	13			0	0	0	0	Clear			P.M.S.	28
29	72.5	29.450	.126	29.324	30.27	44.2	42.3	40	86	.247	44.2	32.2	E	3			T	10	Nb	E	Lt. rain			C.O.S.	29
30	72.5	29.305	.125	29.180	30.11	43.8	43.0	42	94	.266	48.2	43.8	NE	5			.20	10	Nb	NE	Lt. Rain			C.O.S.	30
31																									31
Sums		(a)	(a)	875.738	904.12	1213.7	1123.4	1000	2274	6.064	(a)	(a)	(a)	269	(a)	(a)	1.29	210	(a)	(a)	(a)	0	0	(a)	(a)
Means		(a)	(a)	29.191	30.137	40.5	37.4	33.3	75.8	.202	(a)	(a)	(c) W	9.0	(a)	(a)	(a)	7.0	U ASt. St. L Nb	U NW L NW	(a)	(a)	(a)	(a)	(a)

Observations are begun about 7.40 o'clock, 75th meridian time.

† By dial when self-register is out of order. †† T indicates trace of precipitation. U, upper clouds. L, lower clouds.

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ORIGINAL MONTHLY RECORD OF OBSERVATIONS at _____, for the Month of _____, 192

Date.	Temperature. Maximum. (b)	Minimum. (b)	Range. (b)	Change. (b)	Mean (max. and min.). (b)	Normal.	Departure.	Total excess or deficiency since 1st of month.	Precipitation. Character. ‡	Beginning.	Ending.	Character. ‡	Beginning.	Ending.	Character. ‡	Beginning.	Ending.	Character. ‡	Beginning.	Ending.	Total (mid. to mid.). (b) ††	Normal.	Departure.	Total excess or deficiency since 1st of month.	Hail and sleet unmelted. 7 p.m. to 7 p.m. *‡‡	Snow unmelted. 7 p.m. to 7 p.m. *‡‡	Hail, sleet, and snow on ground at 7 p.m. *‡‡	Amount of precipitation from melted snow (mid. to mid.).	Date.
	°	°	°	°	°																In.				In.	In.	In.	In.	
1	57	48	9	2	52				R	9:18a	6:23p	R	7:12p	Cont'd							.49				0	0	0	0	1
2	57	33	24	7	45				R	Cont'd	7:[illegible]	S^m	12:30p	7:45p	R	7:45p	Cont'd				.5[illegible]				0	T	* 0	T	2
3	48	37	11	3	42				R	Cont'd	2:[illegible]										—				0	T	0	0	3
4	60	36	24	6	48																0				0	0	0	0	4
5	56	36	20	2	46																0								5
6	57	38	19	2	48																0				0	0	0	0	6
7	50	44	6	1	47				R	DNA	11:[illegible]										.46				0	0	0	0	7
8	55	45	10	3	50				R	3:19p	C[illegible]										ø .10				0	0	0	0	8
9	60	41	19	0	50				R	Cont'd	D[illegible]										ø .10				0	0	0	0	9
10	41	31	10	14	36																0				0	0	0	0	10
11	37	25	12	5	31				S^m	1:21p	2:17p	S^m	3:28p	6:15p	S^m	8:30p	Cont'd				—				0	T	T	T	11
12	27	16	11	9	22				S^m	Cont'd	DNA	S^m	12:4[illegible]p	5:[illegible]											0	0.4	0.1	.02	12
13	31	15	16	1	23																0				0	0	T	0	13
14	34	18	16	3	2[illegible]																0				0	0	T	0	14
15	37	26	11	6	32				S^d	DNA	DNA	S^d	7:10a	10:51a	S^m	2:59p	4:40p	S^d	6:28p	7:19p	T				0	0.1	T	T	15
16	29	25	4	5	27				S^d	6:55a	11:29a	S^d	11:52a	Cont'd							ø .14				0	1.8	1.8	.04	16
17	35	25	10	3	30				S^d	Cont'd	8:12a										ø .04				0	1.9	2.1	.04	17
18	42	26	16	4	34																0				0	0	0.2	0	18
19	57	32	25	10	44																0				0	0	0	0	19
20	63	44	19	10	54																0				0	0	0	0	20
21	61	52	9	2	56																0				0	0	0	0	21
22	53	35	18	12	44				R	DNA	6:20p	S^m	6:20p	7:05p	R	7:[illegible]p	DNP				.64				0	T	* 0	T	22
23	41	38	3	4	40				R	7:50a	10:48a										.01				0	T	0	0	23
24	41	39	2	0	40				R	DNA	8:32a	R	1:05p	1:30p	R	6:44p	7:10p				.08				0	0	0	0	24
25	40	33	7	4	36				R	DNA	DNA	R	6:30a	7:35a	R	11:40a	3:30p				.01				0	0	0	0	25
26	33	30	3	4	32																0				0	0	0	0	26
27	43	32	11	6	38				S^m	2:00a	DNA										.02				0	0.2	0	.02	27
28	43	30	13	2	36																0				0	0	0	0	28
29	44	32	12	2	38				R	6:05p	8:34p										T				0	0	0	0	29
30	48	41	7	6	44				R	DNA	DNA	R	12:30p	Cont'd							ø .22				0	0	0	0	30
31																													31
S	1380	1003	377	138	1191		Total excess or deficiency since January 1,		(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	.242		Total excess or deficiency since January 1,		0	4.4	(a)	(a)	(a)
M	46.0	33.4	12.6	4.6	39.7	(a)			(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)			(a)	(a)	(a)	(a)	(a)

All data are in the standard of time in local use. ‡ Use the following abbreviations: R—rain, S^d—dry snow, S^m—moist snow, H—hail, Sl—sleet. †† T indicates trace of precipitation. ‡‡ Enter the local standard time of observation. * Inches and tenths.

ø Estimated.

* MELTED AS IT FELL.

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SUMMARY FOR THE MONTH OF November, 192

The 8 a.m. and 8 p.m. means of pressure, dry and wet thermometers, dew-point, humidity, vapor pressure, and mean cloudiness are in 75th meridian time. All other data are in the standard of time in local use.

PRESSURE.

(Correction to reduce to a 24-hour mean _____.)

STATION.								REDUCED.							
Mean.			Highest. (h)	Date.	Lowest. (h)	Date.	Absolute range.	Mean.			Highest. (h)	Date.	Lowest. (h)	Date.	Absolute range.
8 a.m.	8 p.m.	Monthly. (g)						8 a.m.	8 p.m.	Monthly. (g)					
29.208	29.191	29.200	29.590	13	28.670	22	0.920	30.153	30.137	30.145	30.57	13	29.60	22	0.97
Corrected mean		29.193						Corrected mean		30.138	3,500-ft			10,000-ft	

TEMPERATURE.

Mean. Dry. 8 a.m.	Dry. 8 p.m.	Dry. (8+8)÷2 (g)	Wet. 8 a.m.	Wet. 8 p.m.	Wet. Monthly. (g)	Max.	Min.	Monthly. (g)	Sea-level. (g)	3,500-ft. (g)	10,000-ft. (g)	Highest. (i)	Date. (i)	Lowest. (i)	Date. (i)	Absolute range. (i)	Greatest daily range. (i)	Date. (i)	Least daily range. (i)	Date. (i)
36.1	40.5	38.3	34.3	37.4	35.8	46.0	33.4	39.7				63	20	15	13	48	25	19	2	24

Dew-point. 8 a.m.	Dew-point. 8 p.m.	Dew-point. Monthly. (g)	Relative humidity. 8 a.m.	Relative humidity. 8 p.m.	Relative humidity. Monthly. (g)	Vapor pressure. 8 a.m.	Vapor pressure. 8 p.m.	Vapor pressure. Monthly. (g)
31.6	33.3	32.4	83.1	75.8	79.4	.188	.202	.195

Number of days with—(j) Maximum. 32° or below.	Maximum. 90° or above.	Minimum. 32° or below.	Minimum. Zero or below.
3	0	13	0

Clouds.

Most frequent clouds St. Cu.

Most frequent direction upper clouds W

Most frequent direction lower clouds NW

WIND.

Total movement (mid. to mid.).	Average hourly velocity.	Prevailing direction. (p)	Maximum velocity. (r)	Direction. (r)	Date. (r)	Number of times wind observed from the— N.	NE.	E.	SE.	S.	SW.	W.	NW.	Calm.
6785	9.4	SW	31	SW	4	1	3	8	1	7	18	14	8	0

WEATHER.

Mean Cloudiness. 8 a.m.	8 p.m.	Monthly. (t)	Sunshine. Percentage of possible.	Number of Days. Clear.	Partly cloudy.	Cloudy.	Number of Days with Precipitation (Mid. to Mid.). Clear. (u)	Partly cloudy. (u)	Cloudy. (u)
7.2	7.0	7.5	35	4	8	18	0	2	12

MISCELLANEOUS PHENOMENA.

Dates of—(Midnight to Midnight).

Frosts. Light.	Heavy.	Killing.	Thunderstorms. (v)	Winds. (40 miles or over.)	Solar Halos.	Lunar Halos.	Fog. Light.	Dense.	Haze. Light.	Dense.	Smoke. Light.	Dense.	Hail.	Aurora.
—	—	—	0	0	0	19	0	0	0	0	0	0	0	0

PRECIPITATION (in inches and hundredths). (m)

Total amount.	Greatest amount in 24 consecutive hours. Amt.	Date. (k)	Excessive. 2.50 inches in 24 hours. (l) * Amt.	Duration. h. m.	Date. (k)	1 inch per hour. (l) Amt.	Duration. h. m.	Date. (k)	Number of days with—(Mid. to Mid.). Trace.	.01 or more.	.04 or more.	.25 or more.	1.00 or more.	Total.	Snow. Trace or more.	.01 or more melted.	Snow. Total depth. (o)	Average depth at end of month.
2.42	0.64	22d	0			0			4	14	10	3	0	18	8	4	4.4	0

(w) Maximum precipitation in 5 minutes —, date —; 10 minutes —, date —; 15 minutes —, date —;

30 minutes —, date —; 1 hour —, date —; 2 hours —, date —.

EXCESSIVE.

Date.	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amt. before excessive began.	Accumulated depths during excessive rate for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Automatic rain gage removed from roof at 1:00 pm 8d 2d

* The duration is the time precipitation was actually recorded.

8—154

Prepared by O. L. Schuh, P. M. Donovan, Meteorologist, Weather Bureau.

(9)

ORIGINAL MONTHLY RECORD OF OBSERVATIONS at [illegible], for the Month of [illegible], 192

Number of Station barometer, [illegible]; sum of corrections, [illegible] inch.

SPECIAL OBSERVATIONS.

Date.	Time. 75th mer.	Time. Local (standard).	Barometer. Attached thermometer.	Barometer. Observed reading.	Barometer. Total correction.	Barometer. Station. (Observed reading plus total cor.)	Barometer. Reduced to sea-level.	Thermometers. Dry.	Thermometers. Wet.	Dew-point.	Depression of the dew-point.	Relative humidity.	Maximum thermometer.	Wind. Direction.	Wind. Velocity. †	Wind. Max. since last observation.	Wind. Direction.	Precipitation. ††	Clouds. Amt.	Clouds. Kind.	Clouds. Dir. from.	State of Weather.	Special Phenomena.	Initials of Observer.	Date.
2"	12 00 Noon	11 05 a.m.	70.0	28.216	.118	28.798	29.24	34.4	33.0	31	3	87	58.0	SW	24	25	SW	0	10	St Cu	W	Cloudy	Ordered by C.O.	[illegible]	✓
9"	12 00 Noon	11 00 a.m.	68.0	29.058	.112	28.946	29.87	59.6	54.9	51	9	75	59.6	W	22	26	W	0	1/2	Ci St Cu	NW W	Clear	Ordered by C.O.	[illegible]	✓
11"	1 00 pm	12 00 Noon	71.0	29.314	.121	29.192	30.12	36.0	31.0	23	13	56	36.9	W	14			0	7	Cu	NWW	Pt Cloudy	Ordered by C.O.	[illegible]	
22"	12 00 Noon	11 00	70.5	28.797	.118	28.679	29.[illegible]	40.8	39.0	37	4	86	44.4	NW	5			.21	10	Nb	NW	[illegible]	Ordered by C.O.	[illegible]	✓
							Highest																		
13"	9 00 a.m.	8 00 a.m.				29.590	30.57	19.0																	13"
							Lowest.																		
22d	2 00 pm	1 00 p.m.				28.670	29.60	40.0																	22d

If additional space is required, rule a sheet similar to this, and paste to this margin. † By dial when self-register is out of order. †† T indicates trace of precipitation.

8—154

ORIGINAL MONTHLY RECORD OF OBSERVATIONS at ....., *for the Month of* ....., *192*

Wind—Number of Miles and Length of Time From. (*Standard of time in local use,* ..... *meridian.*)

DATE.	N.		NE.		E.		SE.		S.		SW.		W.		NW.		CALM.		TOTAL.	
	MILES.	HOURS.	MILES.	HOURS.	MILES.	HOURS.	MILES.	HOURS.	MILES.	HOURS.	MILES.	HOURS.	MILES.	HOURS.	MILES.	HOURS.	MILES.	HOURS.	MILES.	HOURS.
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27																				
28																				
29																				
30																				
31																				
SUM.																				
PERCENTAGE																			*a*	*a*
AVG. HOURLY VELOCITY		*a*		*a*		*a*		*a*		*a*		*a*		*a*		*a*		*a*		*a*

8—154

Form No. 1001—Met'l.

U. S. DEPARTMENT OF AGRICULTURE,

WEATHER BUREAU.

ORIGINAL MONTHLY RECORD

OF

OBSERVATIONS

AT

[illegible]

For the Month of [illegible], 192 0.

*Station is supplied with a barograph, thermograph, sunshine recorder, and self-recording rain gage.

†No. of dry thermometer in use, 9366; No. of wet thermometer in use, 5905; No. of maximum thermometer in use, 15,063; No. of minimum thermometer in use, 14,577

†Elevation above ground of the dry thermometer, 113 feet; rain gage, 107 feet; anemometer, 124 feet.

If the office has been moved during the month, give date _____; amount of change in height of barometer, _____ feet (higher or lower).

No. of extra barometer, 675; sum of corrections, -.017; date and observation upon which use of station barometer commenced, May 20, 1911 7:00 am, station elevation, 856 feet; actual elevation, 856 feet.

Location of office: Number Corner of Berry & Calhoun street, room 911-917 Sheaff Bldg, first observation taken in present office, 7:00 a. m. May 20, 1911.

*Cancel words that are not appropriate. †To be entered only in December unless changes are made during the year. Changes made during the year will be noted in the appropriate months. 8—154

ORIGINAL MONTHLY RECORD OF OBSERVATIONS at _____, for the Month of _____, 192[illegible]

Number of Station barometer, 656; sum of corrections, −.009 inch.

OBSERVATIONS AT 8 A. M. 75TH MERIDIAN TIME, WHICH CORRESPONDS TO 7:22 A. M. [illegible] MERIDIAN TIME, THE STANDARD OF TIME IN LOCAL USE; [illegible] A. M. LOCAL MEAN TIME.

Date.	Barometer. Attached thermometer.	Barometer. Observed reading.	Barometer. Total correction.	Barometer. Station. (Observed reading plus total cor.) (b)	Barometer. Reduced to sea-level. (b)	Thermometers. Dry. (b)	Thermometers. Wet. (b)	Dew-point. (b)	Relative humidity. (b)	Vapor pressure. (b)	Self-reg. ther's. Max. (b)	Self-reg. ther's. Min. (b)	Wind. Dir.	Wind. Velocity. (b) †	Wind. Max. during preceding 12 hours.	Wind. Dir.	Precipitation. Amt. at 8 a. m. (b) ††	Clouds. Amt.	Clouds. Kind.	Clouds. Dir. from.	State of Weather.		Initials of observer.	Date.
		In.		In.	In.	°	°	°	%	In.	°	°		Mi.	Mi.		In.							
1	68.0	29.145	.113	29.032	29.97	40.3	39.8	39	96	.237	43.8	39.7	W	12			.19	10	Nb	W	Lt. Rain		[illegible]	1
2	64.5	29.313	.104	29.209	30.15	38.0	35.9	33	82	.187	41.8	37.7	W	10			T	10	StCu	W	Cloudy		[illegible]	2
3	64.0	29.142	.102	29.040	29.98	45.4	40.7	35	67	.203	45.7	35.8	SW	17			0	7	ASt	W	[illegible]		[illegible]	3
4	65.5	28.914	.106	28.808	29.73	48.8	47.1	45	89	.298	52.0	47.1	S	12			.27	10	Nb	S	Lt. Rain		[illegible]	4
5	63.0	29.084	.089	28.985	29.92	35.0	32.0	28	73	.150	49.0	33.7	W	17	31	NW	.20	10	StCu	W	Cloudy		[illegible]	5
6	64.0	29.358	.103	29.255	30.21	36.0	33.0	29	73	.157	36.0	31.5	W	6			0	10	StCu	NW	Cloudy		[illegible]	6
7	66.0	29.415	.109	29.306	30.26	30.0	29.0	27	89	.143	36.2	30.0	N	6			0	2	ASt	NW	Clear		[illegible]	7
8	66.0	29.410	.109	29.301	30.25	30.9	28.2	24	72	.124	34.2	30.9	E	12			0	10	StCu	NE	Cloudy		[illegible]	8
9	70.0	29.336	.119	29.217	30.17	29.0	28.0	26	89	.136	32.6	29.0	E	5			0	8 St 2 St	Lt. Smoke	E	Cloudy		[illegible]	9
10	68.0	29.040	.112	28.928	29.88	33.8	32.8	32	90	.180	38.0	33.8	W	11			.14	10	Nb	W	Lt. Snow		[illegible]	10
11	66.5	29.217	.109	29.108	30.06	33.8	31.1	27	75	.143	35.0	32.0	S	8			0	10	StCu	S	Cloudy		[illegible]	11
12	66.0	29.030	.107	28.923	[illegible]	[illegible]	[illegible]	[illegible]	79	[illegible]	43.0	37.8	S	[illegible]			T	3	ASt	W	[illegible]			12
13	65.0	28.937	.104	28.833	29.74	55.2	53.8	52	92	.387	55.9	48.4	S	12			T	10	StCu	S	Cloudy			13
14	63.5	28.444	.099	28.345	29.25	37.0	33.0	27	64	[illegible]	51.5	27.0	SW	12	48	SW	.25	10	St	SW	Lt. Snow			14
15	61.5	28.670	.094	28.576	29.51	30.8	27.0	20	60	.103	38.2	28.8	W	26	39	W	T	10	St	NW	Cloudy			15
16	60.5	28.738	.092	28.646	29.58	27.4	26.7	26	92	.136	29.0	26.6	W	18	31	W	.01	10	Nb	W	Lt. Snow			16
17	63.5	28.850	.100	28.750	29.69	27.6	24.7	19	67	.098	33.7	27.6	W	[illegible]			0	9	StCu	W	Cloudy			17
18	61.0	29.113	.094	29.019	29.98	22.0	20.0	15	72	.081	27.4	20.0	W	9			T	10	Nb	W	Lt. Snow			18
19	61.5	29.242	.096	29.146	30.11	19.5	18.8	17	90	.089	20.3	19.5	W	6			.02	10	Nb	W	Lt. Snow			19
20	60.0	29.499	.093	29.406	30.38	16.8	15.6	12	80	.070	21.6	15.0	W	2			0	7	ASt	NW	Pt. Cloudy			20
21	65.0	29.440	.106	29.334	30.29	21.1	19.1	14	71	.077	24.4	19.7	E	12			0	8	ASt	NW	Cloudy			21
22	67.0	28.930	.110	28.820	29.76	41.4	39.4	37	84	.219	41.7	32.5	SE	8			.42	10	St	S	Cloudy			22
23	61.0	28.990	.094	28.896	29.85	24.0	22.2	18	77	.093	45.0	23.3	W	26	36	SW	.09	10	StCu	W	Cloudy			23
24	62.5	29.420	.099	29.321	30.29	13.6	12.4	9	78	.060	16.0	13.6	W	15			T	10	Nb	W	Lt. Snow			24
25	63.0	29.544	.101	29.443	30.42	12.0	10.8	7	76	.054	16.3	9.8	W	4			0	2	ASt	NW	Clear			25
26	65.0	29.203	.105	29.098	30.06	25.8	23.3	25	94	.130	25.8	22.0	S	9			.09	10	Nb	S	Lt. Snow			26
27	64.5	29.025	.103	28.922	29.87	28.9	28.[illegible]	27	89	.143	31.8	28.1	NW	5			.10	10	St	NW	Cloudy			27
28	63.5	29.332	.102	29.23[illegible]	[illegible]	-6.0	[illegible]	-16	57	.016	14.2	-6.3	S	12			T	10	St	SW	Cloudy			28
29	64.0	28.991	.102	28.889	29.86	19.6	19.4	12	67	.070	19.6	6.8	SW	17			0	0	0	0	Clear		[illegible]	29
30	65.0	29.067	.104	28.963	29.91	34.2	31.3	27	73	.143	34.2	29.2	SW	11			0	9	Cu	NW	Cloudy			30
31	66.5	29.207	.109	29.098	30.05	32.7	31.0	28	83	.150	36.5	30.9	SE	4			0	10	StCu	SE	Cloudy		[illegible]	31
Sums	(a)	(a)	(a)	899.847	929.26	923.7	863.6	753	2442	4.400	(a)	(a)	(a)	376	(a)	(a)	1.78	265	(a)	(a)	(a)		(a)	(a)
Means	(a)	(a)	(a)	29.027	29.976	29.8	27.9	24.3	78.8	.142	(a)	(a)	(c) W	12.1	(a)	(a)	(a)	8.5	U a. St. L St. Cu.	U NW L W	(a)		(a)	(a)

Reference letters in this form refer to paragraph 121, "Instructions for Preparing Meteorological Forms."

† By dial when self-register is out of order. †† T indicates trace of precipitation. U, upper clouds. L, lower clouds.

8—154

ORIGINAL MONTHLY RECORD OF OBSERVATIONS at Fort Wayne, Ind., for the Month of _____, 192

Number of Station barometer, 656; sum of corrections, −.002 inch.

OBSERVATIONS AT 8 P. M. 75TH MERIDIAN TIME, WHICH CORRESPONDS TO 7:00 P. M. 90TH MERIDIAN TIME, THE STANDARD OF TIME IN LOCAL USE; 7:19 P. M. LOCAL MEAN TIME.

Date.	Barometer. Attached thermometer.	Barometer. Observed reading.	Barometer. Total correction.	Barometer. Station. (Observed reading plus total cor.) (b)	Barometer. Reduced to sea-level. (b)	Thermometers. Dry. (b)	Thermometers. Wet. (b)	Dew-point. (b)	Relative humidity. (b)	Vapor pressure. (b)	Self-reg. ther's. Max. (b)	Self-reg. ther's. Min. (b)	Wind. Dir.	Wind. Velocity. (b) †	Wind. Max. during preceding 12 hours.	Wind. Dir.	Precipitation. Amt. at 8 p. m. (b) ††	Clouds. Amt.	Clouds. Kind.	Clouds. Dir. from.	State of Weather.	Fog, Mid. to Mid. (local standard time). Light. (f)	Fog, Mid. to Mid. (local standard time). Dense. (f)	Initials of observer.	Date.
		In.		In.	In.	°	°	°	%	In.	°	°		Mi.	Mi.		In.								
1	70.0	29.168	.118	29.050	29.99	41.5	41.0	40	96	.247	42.6	39.7	W	10			.10	10	St	W	Cloudy			PMS	1
2	69.0	29.307	.116	29.191	30.13	37.0	35.2	32	85	.180	41.0	37.0	SE	4			0	4	St	SE	Pt. Cloudy			PMS	2
3	68.0	29.116	.112	29.004	29.93	52.0	48.0	44	75	.287	55.2	45.4	SW	12			0	0	0	0	Clear				3
4	71.5	28.688	.120	28.568	29.48	49.0	47.0	45	87	.298	50.7	48.0	SW	7			.62	10	Nb	SW	Lt. Rain			PMS	4
5	64.0	29.270	.103	29.167	30.11	36.0	33.5	30	78	.164	39.0	35.0	W	9			0	3	StCu	NW	Clear				5
6	67.0	29.388	.111	29.277	30.23	36.2	34.2	31	82	.172	[illegible]	[illegible]	[illegible]				0	15	St	[illegible]	[illegible]			[illegible]	6
7	69.0	29.446	.117	29.329	30.29	34.2	31.1	27	71	.143	36.0	29.8	E	12			0	8	St	E	Cloudy			PMS	7
8	76.0	29.392	.135	29.257	30.21	31.3	28.8	25	74	.130	36.1	29.6	E	14	25	NE	0	9	StCu	E	Cl[illegible]				8
9	72.5	29.183	.125	29.058	30.01	38.0	36.4	34	86	.195	38.0	27.9	S	2			T	10	Nb	S	Lt. Rain	8-7:26 a.m. 8-7:42 p.m. E-5:45 p.m. 9-5:00 a.m. E-4:00 p.m.		PMS	9
10	70.5	29.214	.120	29.094	30.04	35.0	32.3	29	75	.157	35.0	23.8	W	12			T	10	St	W	Cloudy			PMSD	10
11	71.0	29.023	.120	28.903	29.84	42.3	39.2	35	76	.203	45.0	33.8	S	12			0	10	St	S?	Cloudy			PM	11
12	65.0	28.982	.104	28.878	29.81	50.0	48.0	46	87	.310	55.3	38.1	SE	8			0	6	StCu	SW	Pt. Cloudy				12
13	68.0	28.558	.111	28.447	29.36	55.0	53.8	53	93	.402	57.3	54.8	SE	20			.12	10	Nb	SE	Lt. Re[illegible]				13
14	69.0	28.666	.114	28.552	29.[illegible]	38.2	35.2	31	75	[illegible]	44.3	35.3	[illegible]	[illegible]	42	SW	T	9	StCu	[illegible]	[illegible]			[illegible]	14
15	67.0	28.760	.109	28.651	29.58	29.0	22.0	24	78	.124	31.6	17.0	SW	28	33	W	.01	10	Nb	W	Lt. S[illegible]				15
16	70.0	28.790	.117	28.673	29.61	33.4	29.0	22	58	.113	36.0	26.2	SW	12	25	W	T	10	St	SW	Cloudy			[illegible]	16
17	69.5	28.987	.116	28.871	29.82	27.4	24.9	20	70	.103	29.0	26.0	W	16	25	SW	T	8	StCu	NW	Cl[illegible]			PMS	17
18	69.5	29.236	.117	29.119	30.08	20.3	18.1	12	68	.070	25.0	19.9	NW	10			T	9	StCu	NW	Lt. Snow			PM	18
19	63.0	29.343	.100	29.243	30.20	21.6	20.2	17	80	.089	24.1	17.4	W	5			T	2	StCu	W	Clear			PMS	19
20	70.5	29.590	.121	29.449	30.42	24.4	21.4	14	62	.077	29.4	16.8	SE	4			0	0	0	0	Clear			PMS	20
21	73.0	29.164	.126	29.038	30.00	32.5	32.0	32	95	.180	32.5	21.1	E	6			.14	10	Nb	E	Lt. Rain			PMSD	21
22	74.5	28.613	.127	28.486	29.41	45.0	44.3	44	95	.287	45.3	40.6	S	14			.40	10	Nb	S	Lt. Rain			PMSD	22
23	72.0	29.326	.124	29.202	30.16	26.0	24.0	20	75	.103	26.2	23.8	W	16	31	SW	T	9	StCu	NW	Cloudy			PMS	23
24	72.0	29.466	.125	29.341	30.32	16.3	13.1	1	47	.040	20.4	12.4	NW	14			T	8	StCu	NW	Cloudy			PMS	24
25	67.5	29.410	.113	29.297	30.28	22.0	20.5	17	79	.089	22.0	11.8	SE	6			0	10	ASt	W	Cloudy			CLLB	25
26	67.0	29.003	.110	28.893	29.84	31.8	30.8	30	90	.164	32.0	25.8	SE	3			.20	10	Nb	SE	[illegible]			[illegible]	26
27	69.0	29.264	.116	29.148	30.11	14.2	13.0	9	78	.060	30.6	14.2	W	17			T	10	Nb	NW	Lt. [illegible]				27
28	70.5	29.255	.120	29.135	30.13	6.8	5.4	−1	66	.036	9.8	−8.0	SW	12			0	10	St	SW	Cloudy			PMSD	28
29	70.5	29.160	.120	29.040	30.00	29.2	27.2	24	78	.124	33.6	19.3	SW	12	27	SW	0	7	StCu	SW	Pt. Cloudy			PMSD	29
30	71.0	29.142	.121	29.021	29.97	36.5	34.0	30	78	.164	42.6	32.0	SW	8			0	0	0	0	Clear			PMSD	30
31	74.5	29.130	.130	29.000	29.95	40.4	38.9	37	88	.219	40.4	31.8	S	8			0	10	St	S	Cloudy			PMSD	31
Sums		(a)	(a)	899.382	928.78	1032.5	967.5	854	2425	5.102	(a)	(a)	(a)	335	(a)	(a)	1.59	242	(a)	(a)	(a)	1	1	(a)	(a)
Means		(a)	(a)	29.012	29.961	33.3	31.2	27.5	78.2	.165	(a)	(a)	(c) W	10.8	(a)	(a)	(a)	7.8	U East L Steady	U W L NW	(a)	(a)	(a)	(a)	(a)

Observations are begun about 7.40 o'clock, 75th meridian time.

† By dial when self-register is out of order. †† T indicates trace of precipitation. U, upper clouds. L, lower clouds.

8—154

ORIGINAL MONTHLY RECORD OF OBSERVATIONS at _____, for the Month of _____, 192

Date.	Temperature. Maximum. (b)	Minimum. (b)	Range. (b)	Change. (b)	Mean (max. and min.). (b)	Normal.	Departure.	Total excess or deficiency since 1st of month.	Precipitation. Character. ‡	Beginning.	Ending.	Character. ‡	Beginning.	Ending.	Character. ‡	Beginning.	Ending.	Character. ‡	Beginning.	Ending.	Total (mid. to mid.). (b) ††	Normal.	Departure.	Total excess or deficiency since 1st of month.	Hail and sleet unmelted. ⌒ p.m. to ⌒ p.m. *‡‡	Snow unmelted. ⌒ p.m. to ⌒ p.m. *‡‡	Hail, sleet, and snow on ground at ⌒ p.m. *‡‡	Amount of precipitation from melted snow (mid. to mid.).	Date.
	°	°	°	°	°																In.				In.	In.	In.	In.	
1	43	40	3	2	42				R	Cont'd	7:45a	R	12:27p	5:35p	R	[illegible]	[illegible]				[illegible]				[illegible]				1
2	41	36	5	4	38																[illegible]				[illegible]				2
3	55	40	15	10	48				R	9:25p	9:44p										T				[illegible]				3
4	51	39	12	3	45				R	2:30a	10:57a	R	12:17p	10:30p							1.09				[illegible]				4
5	39	32	7	9	36																[illegible]				[illegible]				5
6	40	32	8	0	36																[illegible]				[illegible]				6
7	36	30	6	3	33																[illegible]				[illegible]				7
8	36	30	6	0	33																[illegible]				[illegible]				8
9	38	28	10	0	33				R	5:12p	Cont'd										ϕ.06				[illegible]				9
10	35	34	1	1	34				R	Cont'd	DNA	Sm	DNA	9:35a	R	9:35a	10:00a	Sm	10:47a	3:20p	ϕ.08				0	0.3	0	[illegible]	10
11	45	32	13	4	38				R	6:55p	[illegible]										T				[illegible]				11
12	55	38	17	8	46																[illegible]				[illegible]				12
13	57	46	11	6	52				R	DNA	6:28a	R	12:01p	Cont'd							ϕ.27				[illegible]				13
14	46	37	15	14	38				R	Cont'd	DNA	Sm	DNA	7:48a	Sm	5:33p	[illegible]	Sm	10:50p	[illegible]	[illegible]				[illegible]		0		14
15	32	27	5	8	30				Sd	6:55a	[illegible]										[illegible]				0	[illegible]	[illegible]		15
16	36	26	10	1	31				Sd	5:17a	10:30a										ϕ T				0	0.1	T	T	16
17	31	25	6	3	28				Sd	11:00a	4:15p	Sd	7:02p	7:20p							T				[illegible]	T	[illegible]	T	17
18	25	18	7	6	22				Sd	DNA	11:31a	Sd	12:10p	8:05p							T				0	0.1	T	T	18
19	24	17	7	2	20				Sd	(between 5 & 6) DNA	9:57a										.02				[illegible]	[illegible]	[illegible]	[illegible]	19
20	29	15	14	2	22																0				[illegible]	[illegible]			20
21	36	20	16	6	28				Sd	10:45a	12:15p	Sm	12:15p	12:53p	SL	12:53p	3:30p	R	3:30p	Cont'd	ϕ.44				ϕ0.1	T	0.1	T	21
22	45	33	12	11	39				R	Cont'd	DNA	R	9:45a	8:30p							ϕ.61				0	0	0	0	22
23	33	22	11	11	28				Sd	10:01a	3:45p										T				0	T	T		23
24	22	11	11	12	16				Sd	DNA	[illegible]										T				0	T	[illegible]	[illegible]	24
25	25	10	15	2	18																0				0	0	[illegible]		25
26	32	24	8	10	28				Sd	2:00a	1:30p	Sm	1:30p	DNP							.39				0	3.1	3.1	[illegible]	26
27	31	2	29	12	16				R	9:05a	9:44a	Sd	5:45p	7:25p							T				0	[illegible]	[illegible]		27
28	14	-8	22	13	3																0				0	T	[illegible]		28
29	34	14	20	21	24																0				0	0	[illegible]		29
30	43	30	13	12	36																0				0	0	[illegible]		30
31	43	32	11	2	38				R	9:30p	D.N.P.										T				0	[illegible]	T		31
S	1152	806	346	198	979		Total excess or deficiency since January 1,		(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	3.35 T		Total excess or deficiency since January 1,		0.1	47	(a)	(a)	(a)
M	37.2	26.0	11.2	6.4	31.6	(a)			(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)			(a)	(a)	(a)	(a)	(a)

All data are in the standard of time in local use. ‡ Use the following abbreviations: R—rain, Sd—dry snow, Sm—moist snow, H—hail, Sl—sleet. †† T indicates trace of precipitation. ‡‡ Enter the local standard time of observation. * Inches and tenths.

ϕ Estimated.

8—154

SUMMARY FOR THE MONTH OF December, 192[illegible]

The 8 a.m. and 8 p.m. means of pressure, dry and wet thermometers, dew-point, humidity, vapor pressure, and mean cloudiness are in 75th meridian time. All other data are in the standard of time in local use.

PRESSURE.

(Correction to reduce to a 24-hour mean _____.)

STATION. Mean. 8 a.m.	8 p.m.	Monthly. (g)	Highest. (h)	Date.	Lowest. (h)	Date.	Absolute range.
29.027	29.012	29.020	29.270	25	28.240	13	1.230
Corrected mean		29.014					

REDUCED. Mean. 8 a.m.	8 p.m.	Monthly. (g)	Highest. (h)	Date.	Lowest. (h)	Date.	Absolute range.
29.976	29.961	29.968	30.45	25	29.14	13	1.31
Corrected mean		29.962	3,500-ft.		10,000-ft.		

TEMPERATURE.

Mean. Dry. 8 a.m.	8 p.m.	(8+8)÷2 (g)	Wet. 8 a.m.	8 p.m.	Monthly. (g)	Max.	Min.	Monthly. (g)	Sea-level. (g)	3,500-ft. (g)	10,000-ft. (g)	Highest. (i)	Date. (i)	Lowest. (i)	Date. (i)	Absolute range.	Greatest daily range. (i)	Date. (i)	Least daily range. (i)	Date. (i)
29.8	33.3	31.6	27.9	31.2	29.6	37.2	26.0	31.6				57	13	-8	28	65	29	27	1	10

Dew-point. 8 a.m.	8 p.m.	Monthly. (g)	Relative Humidity. 8 a.m.	8 p.m.	Monthly. (g)	Vapor Pressure. 8 a.m.	8 p.m.	Monthly. (g)
24.3	27.5	25.9	78.8	78.2	78.5	.142	.165	.154

Number of days with—(j) Maximum. 32° or below.	90° or above.	Minimum. 32° or below.	Zero or below.
10	0	23	1

Clouds.

Most frequent clouds St. Cu.

Most frequent direction upper clouds W

Most frequent direction lower clouds W

WIND.

Total movement (mid. to mid.).	Average hourly velocity.	Prevailing direction. (p)	Maximum velocity. (r)	Direction. (r)	Date. (r)	Number of times wind observed from the— N.	NE.	E.	SE.	S.	SW.	W.	NW.	Calm.
9043	122	W	48	SW	14	2	0	6	8	9	12	22	3	0

WEATHER.

Mean Cloudiness. 8 a.m.	8 p.m.	Monthly. (t)	Sunshine. Percentage of possible.	Number of Days. Clear.	Partly cloudy.	Cloudy.	Number of Days with Precipitation (Mid. to Mid.). Clear. (u)	Partly cloudy. (u)	Cloudy. (u)
8.5	7.8	8.1	26	2	9	20	0	2	9

MISCELLANEOUS PHENOMENA.

Dates of—(Midnight to Midnight).

Frosts. Light.	Heavy.	Killing.	Thunderstorms. (v)	Winds. (40 miles or over.)	Solar Halos.	Lunar Halos.	Fog. Light.	Dense.	Haze. Light.	Dense.	Smoke. Light.	Dense.	Hail.	Aurora.
Not recorded			0	14	0	0	9	9	0	0	9	0	0	0

PRECIPITATION (in inches and hundredths). (m)

Total amount.	Greatest amount in 24 consecutive hours. Amt.	Date. (k)	Excessive. 2.50 inches in 24 hours. (l) * Amt.	Duration. h. m.	Date. (k)	1 inch per hour. (l) Amt.	Duration. h. m.	Date. (k)	Number of days with—(Mid. to Mid.). Trace.	.01 or more.	.04 or more.	.25 or more.	1.00 or more.	Total.	Snow. Trace or more.	.01 or more melted.	Snow. Total depth. (o)	Average depth at end of month.
3.35	1.09	4		None			None		9	11	9	6	1	20	12	4	T	T

(w) Maximum precipitation in 5 minutes —, date —; 10 minutes —, date —; 15 minutes —, date —;

30 minutes —, date —; 1 hour —, date —; 2 hours —, date —.

EXCESSIVE.

Date.	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amt. before excessive began.	Accumulated depths during excessive rate for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Automatic raingage not exposed during the month.																				

* The duration is the time precipitation was actually recorded.

8—154

Prepared by CDS

C. F. Marvin, Meteorologist, Weather Bureau.

(9)

ORIGINAL MONTHLY RECORD OF OBSERVATIONS at [illegible], *for the Month of* [illegible], *192*

Number of Station barometer, 6.56; *sum of corrections,* [illegible] *inch.*

SPECIAL OBSERVATIONS.

Date.	Time. 75th mer.	Time. Local (standard).	Barometer. Attached thermometer.	Barometer. Observed reading.	Barometer. Total correction.	Barometer. Station. (Observed reading plus total cor.)	Barometer. Reduced to sea-level.	Thermometers. Dry.	Thermometers. Wet.	Dew-point.	Depression of the dew-point.	Relative humidity.	Maximum thermometer.	Wind. Direction.	Wind. Velocity. †	Wind. Max. since last observation.	Wind. Direction.	Precipitation. ††	Clouds. Amt.	Clouds. Kind.	Clouds. Dir. from.	State of Weather.	Special Phenomena.	Initials of Observer.	Date.
4"	1 00 pm	12 00 Noon	70.0	28.763	.117	28.646	29.56	50.5	48.2	46	4	85	50.7	S	17	21	S	.24	10	StCu	SW	Cloudy	Ordered by C.	[illegible]	4
29"	12 00 Noon	11 00 a.m.	70.0	29.123	.118	29.005	29.96	23.0	22.0	20	3	87	30.6	W	12			T	10	St	W	Cloudy	Ordered by C.	[illegible]	29
								HIGHEST																	
25"	11 00 am	10 00 am				29.470	30.45	17.0																	25
								LOWEST																	
13"	12 mid	11 00 pm				28.240	29.14	56.0																	13

If additional space is required, rule a sheet similar to this, and paste to this margin. † By dial when self-register is out of order. †† T indicates trace of precipitation.

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ORIGINAL MONTHLY RECORD OF OBSERVATIONS at ....., for the Month of ....., 192

Wind—Number of Miles and Length of Time From. (Standard of time in local use, ... meridian.)

DATE.	N.		NE.		E.		SE.		S.		SW.		W.		NW.		CALM.		TOTAL.	
	MILES.	HOURS.	MILES.	HOURS.	MILES.	HOURS.	MILES.	HOURS.	MILES.	HOURS.	MILES.	HOURS.	MILES.	HOURS.	MILES.	HOURS.	MILES.	HOURS.	MILES.	HOURS.
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30																				
31																				
SUM.																				
PERCENTAGE																			*a*	*a*
AVG. HOURLY VELOCITY		*a*		*a*		*a*		*a*		*a*		*a*		*a*		*a*		*a*		*a*

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Form No. 1002—Met'l.

U. S. Department of Agriculture,
WEATHER BUREAU.

ANNUAL METEOROLOGICAL SUMMARY

FOR

1920

STATION

Fort Wayne, Indiana

LOCATION OF OFFICE DECEMBER 31, 1920

Street, Corner of Calhoun and Berry

Number, 911-912 Shoaff Building

Rooms 911-912

SUM OF BAROMETER CORRECTIONS.

From 8 00 a. m. Jan. 1 to 8 00 p. m. Dec. 31, inc., -.009 in.

From — m. — to — m. —, inc., — in.

From — m. — to — m. —, inc., — in.

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NOON, LOCAL MEAN TIME, OBSERVATION.

AVERAGES.

Month.	Temperature. Dry. (d)	Temperature. Wet. (d)	Dew-Point. (e)	Relative Humidity. (e)	Vapor Pressure. (c)	Clouds. Amount. (d)	Clouds. Most Frequent Kind.	Clouds. Prevailing Direction.	Velocity (mph.).
* Jan.,	21.6	19.2	13	68	.081	5.3	a. st. st.	W NW	
* Feb.,	28.1	24.9	18	63	.104	7.3	a. st. st cu	W-NW NW	
Mar.,	44.4	37.1	26	51	.160	4.8	a. st cu	W & S	
April,	45.9	40.7	34	65	.213	8.3	a. cist. a. st st cu	W NW	
May,	64.3	52.5	41	46	.283	5.5	a. st cu.	W NE	
June,	77.0	63.5	55	48	.453	5.4	cu a. st.	NW W	
July,	77.8	66.5	60	56	.535	5.1	cu.	NW	
Aug.,	75.2	64.0	57	55	.485	5.8	s. cu cu. a. st.	W S.W.	
Sept.,	73.9	61.3	53	49	.420	4.4	[illegible]		
Oct.,	67.5	54.6	44	45	.301	4.5	a. st cu.	W W	
Nov.,	42.5	38.8	34	73	.207	7.7	cist st cu	NW W	
Dec.,	33.5	30.8	26	73	.153	8.3	a. st st cu	W W	
Sum,	651.7	553.9	461	692	3395	72.[illegible]	--	--	
Mean,	54.3	46.2	38	58	.283	6.0	a. st. cu.	W NW	

(d) To tenths. (e) To whole numbers. (c) To thousands.

(1)

*From January 1 to February 4, inclusive, observations taken at 12:38 p.m., local mean time.

ANNUAL METEOROLOGICAL SUMMARY FOR 1920.—STATION Fort Wayne, Indiana

Latitude N. 41° 5′. Longitude W. 85° 10′. Local time – h. 41 min. (t) slower than 75th meridian normal time.

MONTH.	STATION PRESSURE. (Corrected for temperature, instrumental error, gravity, and removal.) Station Elevation of Barometer Cistern Above Mean Sea-Level, 856 Feet. Mean. 8 a. m. (c) In.	Mean. 8 p. m. (c) In.	Mean. Corrected monthly. (c) In.	Highest observed. (c) In.	Date.	Lowest observed. (c) In.	Date.	Absolute range. (c) In.	TEMPERATURE. Elevation of Dry Thermometer Bulb Above Ground on Dec. 31, 113 Feet. Mean. 8 a. m. (d) °	Mean. 8 p. m. (d) °	From Self-Registering Instruments. Mean. Max. (d) °	Mean. Min. (d) °	Mean. Monthly. (d) °	Highest. (e) °	Date.	Lowest. (e) °	Date.	Range. Absolute. (e) °	Range. Mean daily. (d) °	Mean daily change. (d) °	No. of Days. Max. 32° or below.	Max. 90° or above.	Min. 32° or below.
Jan.,	29.283	29.308	29.291	29.780	25	28.560	16	1.220	14.9	20.0	25.3	10.9	18.1	38	26	-3	3	41	14.4	7.0	22	0	31
Feb.,	29.137	29.129	29.128	29.600	3	28.590	17	1.010	21.6	28.1	32.1	19.0	25.6	52	2	-4	16	56	13.1	6.6	11	0	28
Mar.,	29.040	29.011	29.021	29.490	17	28.270	28	1.220	35.0	43.2	49.4	30.9	40.2	73	31	7	7	66	18.5	8.2	4	0	16
April,	28.913	28.895	28.899	29.370	25	28.380	4	0.990	39.6	46.6	51.2	34.7	43.0	77	22	20	5	57	16.5	5.8	1	0	[illegible]
May,	29.195	29.136	29.161	29.554	16	28.900	19	0.654	53.0	62.8	68.1	48.7	58.4	83	27	35	3	48	19.4	3.5	0	0	0
June,	29.117	29.073	29.091	29.409	26	28.570	17	0.839	65.5	73.9	80.3	59.9	70.1	92	12	50	6	42	20.4	2.9	0	[illegible]	[illegible]
July,	29.124	29.076	29.097	29.315	20	28.760	7	0.555	65.6	74.1	80.9	59.9	70.4	94	23	54	5	40	21.1	3.4	0	[illegible]	0
Aug.,	29.106	29.117	29.138	29.360	18	28.900	29	0.460	64.0	73.3	78.8	60.1	69.4	91	6	47	23	44	18.7	3.3	0	1	0
Sept.,	29.142	29.135	29.109	29.352	3	28.820	9	0.562	59.1	69.4	76.9	55.9	66.4	89	25	40	30	49	21.0	4.0	0	0	0
Oct.,	29.222	29.182	29.196	29.530	6	28.590	27	0.940	51.7	62.4	70.5	49.2	59.8	83	11	30	30	53	21.3	4.4	0	0	[illegible]
Nov.,	29.208	29.191	29.193	29.590	13	28.670	22	0.920	36.1	40.5	46.0	33.4	39.7	63	20	15	13	48	12.6	4.6	8	[illegible]	[illegible]
Dec.,	29.027	29.012	29.014	29.470	25	28.240	13	1.230	29.8	33.3	37.2	26.0	31.6	57	13	-8	28	65	11.2	6.4	10	0	23
	a			a	a	a	a							a	a	a	a						
Sum,	349.574	349.215	349.338	Highest.	Date.	Lowest.	Date.	10.600	535.9	631.6	696.7	488.6	592.7	Max.	Date.	Min.	Date.	609	208.2	60.1	51	[illegible]	123
					Jan.		Dec.								July	-8	Dec.						
Mean,	29.131	29.101	29.112	29.780	25	28.240	13	0.883	44.7	52.2	58.1	40.7	49.4	94	23		28	51	17.4	5.0	a	a	a

a Omit data from this space. c To thousandths. d To tenths. e To whole numbers. t Enter the word "faster" or "slower," as the case may be.

MONTH.	CORRECTED MEAN MONTHLY REDUCED PRESSURES AND MEAN MONTHLY REDUCED TEMPERATURES.						DEW-POINT.			RELATIVE HUMIDITY (Percentage).			VAPOR PRESSURE.			PRECIPITATION. (Amount in inches and hundredths.) ELEVATION OF TOP OF GAGE ABOVE GROUND DEC. 31, 127 FEET.									SNOWFALL (total depth).
	SEA-LEVEL.		3,500-FOOT.		10,000-FOOT.		MEAN.			MEAN.			MEAN.			TOTAL AMOUNT.	GREATEST AMOUNT IN ANY 24 CONSECUTIVE HOURS.		EXCESSIVE.						
																			2.50 inches in 24 hours. (g) (h)			1 inch per hour. (g)			
	Pressure. (c)	Temperature. (d)	Pressure. (b)	Temperature. (d)	Pressure. (b)	Temperature. (d)	8 a. m. (e)	8 p. m. (e)	Monthly. (e)	8 a. m. (e)	8 p. m. (e)	Monthly. (e)	8 a. m. (c)	8 p. m. (c)	Monthly. (c)		Amt.	Date.	Amt.	Dur't'n. (h. & m.)	Date.	Amt.	Dur't'n. (h. & m.)	Date.	
	In.	°	In.	°	In.	°	°	°	°	%	%	%	In.	In.	In.	In.	In.		In.			In.			In.
Jan.,	30.263						11	13	12	81	71	76	.073	.079	.076	0.90	0.27	8-9	0			0			1.25
Feb.,	30.089						17	21	19	80	72	76	.098	.115	.106	0.20	0.09	9	0			0			1.2
Mar.,	29.963						27	30	28	72	60	66	.159	.181	.170	2.55	0.80	4-5	0			0			0.6
April,	29.831						33	33	33	75	63	69	.196	.205	.200	4.68	1.44	20	0			0			5.5
May,	30.087						42	43	42	68	50	59	.288	.297	.292	2.01	0.78	17-18	0			0			0
June,	30.003						56	56	56	73	57	65	.468	.475	.472	3.35	0.94	14-15	0			0			0
July,	30.010						58	58	58	78	59	68	.497	.492	.494	6.28	1.98	6	0			1.02	0.52	30	0
Aug.,	30.052						58	59	58	81	62	72	.442	.515	.504	3.08	1.62	15-16	0						
Sept.,	30.077						54	55	54	82	61	72	.428	.444	.436	1.69	1.17	26-27							
Oct.,	30.126						44	47	46	76	60	68	.302	.337	.320	2.22	1.26	25-26	0			0			T
Nov.,	30.138						32	33	32	83	76	79	.188	.202	.195	2.42	0.64	22	0			0			
Dec.,	29.962						24	28	26	79	78	78	.142	.165	.154	3.35	1.09	4	0			0			4.7
Sum,	360.561						456	476	464	928	769	848	3.331	3.507	3.419	32.73	a	a	a	a	a	a	a	a	29.0
Mean,	30.046						38	40	39	77	64	71	.278	.292	.285	a	1.98	0-22 6	a	a	a	a	a	a	a

b To hundredths. g No entry unless the precipitation actually equaled or exceeded 2.50 inches in 24 consecutive hours, or 1 inch per hour, as the case may be. h The duration is the time precipitation was actually recorded.

Station Fort Wayne, Ind.

MONTH.	Mean Cloudiness. (0 to 10.) 8 a.m. (d)	8 p.m. (d)	Monthly. (d)	Hours of Sunshine. Total.	Possible.	Percentage.	Wind. Elevation of Anemometer Cups Above Ground Dec. 31, 124 Feet. Total Movement in Miles.	Prevailing Direction.	Maximum Hourly Velocity During Month. Miles.	From.	Date.	No. of Days with 40 Miles and Over. (h)	Direction. Number of Times Observed Blowing from the— N.	NE.	E.	SE.	S.	SW.	W.	NW.	No. of Calms.	Number of Days. Clear.*	Partly Cloudy.*	Cloudy.*	Precipitation. .01 inch and over.	.04 inch and over.	Snow, trace and over.	Snow, .01 inch and over.	Hail.	Dense Fog.	Thunderstorms.	Auroras.
Jan.,	6.8	5.9	5.8	121.8	298.2	41	8422	W	32	W	2	0	4	14	6	1	3	15	17	2	0	13	4	14	12	7	15	10	0	0	0	0
Feb.,	7.3	7.7	7.2	113.3	309.5	37	6345	W	31	NE	3	0	2	13	3	3	2	11	13	11	0	4	9	16	8	1	13	7	0	0	0	0
Mar.,	5.2	4.4	5.6	209.7	370.8	57	10448	SW	44	S	26	2	3	0	4	8	11	17	9	10	0	10	9	12	12	9	7	4	0	3	2	1
April,	7.5	6.5	8.1	177.5	399.9	44	9358	SW	48	SW	2	1	5	7	10	4	6	11	11	6	0	2	7	21	18	14	7	5	2	0	3	0
May,	5.2	5.5	5.4	299.7	449.0	66	6396	NE	30	NE	12	0	6	18	12	3	8	4	5	6	0	9	12	10	7	7	0	0	0	0	1	0
June,	4.8	4.7	5.1	316.9	452.0	70	5753	SW	34	NW	14	0	8	3	10	4	4	17	10	4	0	9	14	7	8	7	0	0	0	0	5	0
July,	3.5	4.7	4.5	342.0	458.3	75	5780	SW	34	SW	13	0	5	7	2	7	4	20	8	9	0	12	15	4	11	7	0	0	0	1	9	0
Aug.,	4.6	4.5	5.2	284.1	426.9	67	4328	E	30	SW	7	0	9	17	14	1	6	6	1	6	2	10	11	10	8	5	0	0	0	[illegible]	5	0
Sept.,	3.9	3.7	4.4	246.7	374.0	66	5042	S	29	SW	26	0	5	11	5	6	10	9	6	7	1	13	10	7	6	[illegible]	3	0	1			
Oct.,	3.6	3.4	4.3	241.6	344.1	70	6085	SW	30	S	15	0	5	2	6	1	13	23	7	4	1	16	7	8	7	6	2	0	0	1	2	0
Nov.,	7.2	7.0	7.5	104.6	297.0	35	6785	SW	31	SW	4	0	1	3	8	1	7	18	14	8	0	4	8	18	14	10	8	4	0	0	0	0
Dec.,	8.5	7.8	8.1	75.1	287.3	26	9043	W	48	SW	14	1	2	0	6	8	9	12	22	3	0	2	9	20	11	9	12	4	0	1	0	0
Sum,	68.1	65.8	71.1	2533.3	4447.0	654	83,785	a	a	a	a	4	55	95	86	47	83	163	123	76	4	104	115	147	122	86	64	34	2	8	31	1
Mean,	5.7	5.5	5.9	211.1	372.2	54	a	j SW	j 48	j SW	j Dec. 14	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a

h Days with 40 miles per hour and over. j One entry only. * From sunrise to sunset.

Standard of normal time in local use, 90° meridian.

MONTH.	WIND. Mean Hourly Velocity. 1 a. m.	2 a. m.	3 a. m.	4 a. m.	5 a. m.	6 a. m.	7 a. m.	8 a. m.	9 a. m.	10 a. m.	11 a. m.	12 Noon.	1 p. m.	2 p. m.	3 p. m.	4 p. m.	5 p. m.	6 p. m.	7 p. m.	8 p. m.	9 p. m.	10 p. m.	11 p. m.	12 Mid't.	For the Month.	
Jan.,	10.8	10.6	10.7	10.9	10.5	10.5	9.9	10.1	10.4	11.4	12.2	12.2	12.4	12.6	12.6	12.5	11.5	11.1	11.3	11.7	11.7	11.9	11.6	10.8	11.3	[illegible]
Feb.,	8.3	8.4	8.3	7.9	8.4	8.6	8.3	8.9	9.6	10.1	10.6	11.0	11.0	10.8	10.7	9.9	9.3	8.6	8.2	8.2	8.2	8.3	8.5	8.7	9.1	[illegible]
Mar.,	12.7	12.2	12.0	11.7	11.5	12.3	11.9	13.8	14.6	15.2	16.2	16.6	17.7	17.8	18.4	16.8	15.6	13.2	12.0	12.2	13.3	13.4	12.7	13.0	14.0	3365
April,	11.0	11.4	11.6	12.1	11.6	11.8	12.2	13.6	13.7	14.7	15.7	16.4	16.5	16.1	16.9	16.7	15.0	12.5	10.2	10.2	9.8	10.5	10.7	11.0	13.0	[illegible]
May,	6.0	6.0	6.0	6.1	6.3	6.6	7.5	8.5	9.8	10.3	11.3	11.2	10.9	11.6	11.2	11.8	10.8	10.5	8.1	7.4	7.2	7.3	7.4	6.7	8.6	[illegible]
June,	6.6	6.4	6.8	6.7	7.0	6.2	6.7	7.7	8.4	9.5	10.1	10.4	10.9	10.6	10.4	10.2	9.8	8.9	7.3	6.5	6.1	5.6	6.6	6.5	[illegible]	[illegible]
July,	5.6	5.7	5.8	6.0	6.3	6.9	7.2	7.8	8.3	9.5	10.5	10.9	11.1	10.8	11.1	10.8	9.7	8.1	6.9	5.8	5.4	5.5	5.1	5.6	[illegible]	156.4
Aug.,	4.6	4.3	4.5	4.4	4.4	4.7	5.2	5.7	6.6	6.7	6.9	7.3	7.5	7.8	8.2	8.1	7.3	5.7	5.1	5.1	5.4	4.8	[illegible]	[illegible]	[illegible]	[illegible]
Sept.,	5.6	5.4	5.7	5.5	5.8	5.2	5.8	6.8	7.3	8.2	9.0	9.4	9.5	8.9	9.5	9.5	7.9	6.5	5.9	6.2	6.3	6.2	5.8	5.8	7.0	[illegible]
Oct.,	5.8	6.2	6.5	6.4	6.4	6.4	6.5	7.3	7.8	9.1	10.8	11.8	12.2	12.6	12.2	10.9	8.6	7.4	7.2	7.4	7.3	6.9	6.5	[illegible]	[illegible]	[illegible]
Nov.,	8.3	8.4	8.6	8.6	8.9	8.7	8.5	9.3	9.7	10.4	10.5	11.1	11.2	11.4	11.2	10.4	9.5	8.8	8.6	9.0	9.0	9.0	8.4	8.5	[illegible]	[illegible]
Dec.,	11.1	11.4	11.7	12.4	12.9	12.7	12.0	11.8	12.2	12.8	13.7	14.0	13.7	13.5	12.9	12.3	11.2	10.8	10.5	11.6	11.5	11.2	12.0	11.9	12.2	211.8
Sum,	96.4	96.4	98.2	98.7	100.4	100.6	101.7	111.3	118.4	127.9	137.5	142.3	144.6	144.5	145.6	139.9	126.2	112.3	101.3	101.3	101.2	100.6	99.9	99.2	114.4	[illegible]
Mean,	8.0	8.0	8.2	8.2	8.3	8.4	8.5	9.3	9.9	10.7	11.5	11.9	12.0	12.0	12.1	11.7	10.5	9.4	8.4	8.4	8.4	8.4	8.3	8.3	9.5	

Station Fort Wayne, Ind. . Standard of normal time in local use, 90" meridian.

MONTH.	MEAN HOURLY ATMOSPHERIC TEMPERATURE.—(By Richards' Thermograph.)																								
	1 a. m.	2 a. m.	3 a. m.	4 a. m.	5 a. m.	6 a. m.	7 a. m.	8 a. m.	9 a. m.	10 a. m.	11 a. m.	12 Noon.	1 p. m.	2 p. m.	3 p. m.	4 p. m.	5 p. m.	6 p. m.	7 p. m.	8 p. m.	9 p. m.	10 p. m.	11 p. m.	12 Mid't.	For the Month.
Jan.,																									
Feb.,																									
Mar.,																									
April,																									
May,																									
June,																									
July,																									
Aug.,																									
Sept.,																									
Oct.,																									
Nov.,																									
Dec.,																									
Sum,																									
Mean,																									

Prepared by [illegible] P. McDonough Jr.

Weather Bureau.

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Standard of normal time in local use, 90° meridian.

MONTH.	WIND—NUMBER OF MILES AND LENGTH OF TIME FROM—																			
	N.		NE.		E.		SE.		S.		SW.		W.		NW.		CALM.		TOTAL.	
	Miles.	Hours.	Miles.	Hours.	Miles.	Hours.	Miles.	Hours.	Miles.	Hours.	Miles.	Hours.	Miles.	Hours.	Miles.	Hours.	Miles.	Hours.	Miles.	Hours.
January,																				
February,																				
March,																				
April,																				
May,																				
June,																				
July,																				
August,																				
September,																				
October,																				
November,																				
December,																				
Sum,																				
Percentage,																				
Average hourly velocity,		*a*		*a*		*a*		*a*		*a*		*a*		*a*		*a*		*a*		*a*

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Thursday, (Date) JAN - 1 192, 192

Time (local standard) 90° mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	27	25	23	22	20	17	15	11	10	10	10	10
State of weather: Nature of precipitation and time of beginning and ending	--	--	--	--	SM E DH							
Amounts of precipitation	-	-	-	-	—							
Cloudiness and other conditions	← Cloudy							→				

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	12	12	11	10	9	8	8	7	6	6	6	6
Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions	Clear →											

Sunrise: Time, 7:06 Character, Cloudy

Moonrise: 12:43p

Sunset: Time, 4:23 Character, Clear

Moonset: 2:13a

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Sunshine (in tenths of hours)								0	0	10	10	10
Wind direction	NW	W	W	W	W	W	W	W	W	W	W	W
Wind movement	20	20	21	20	19	17	17	19	20	22	24	24
Maximum velocities (exceeding 24 miles) direction and time												

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Sunshine (in tenths of hours)	10	10	10	0.6 0.4	.38 0							
Wind direction	W	W	W	W	W	W	W	W	W	W	SW	SW
Wind movement	20	22	24	23	18	17	15	16	12	8	10	9
Maximum velocities (exceeding 24 miles) direction and time												

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
31	6	18	

Total depth of snow for 24 hours ending 7 p. m., T inches.

Snow, sleet, and hail on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, T inches.

Precipitation to 7 a. m., T ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, T inches.

Character of day, Clear Moon phase,

Average daily cloudiness (0-10), 2

Actual sunshine, hours, 7.5 Possible sunshine, hours, 9.3

Per cent of possible sunshine, 81

Prevailing wind direction, W. Total wind 439

Average hourly velocity, 18.3 Extreme velocity, 31

Maximum velocity, 28 Direction, W

Time began, 3:22 p.m.

Reduced barometer, ~~29.89~~ 7 a. m. 30.11 7, p. m.

River gage, 2.4 ft.

Relative humidity, 86 7 a. m. 72 7 p. m.

OBSERVATIONS AT ~~12 NOON~~ 1:38 p.m. (Local Mean Time.)

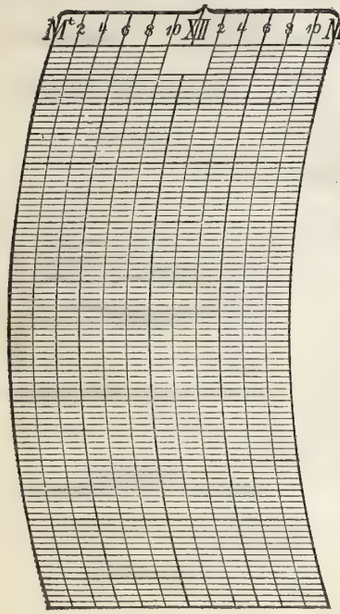
Dry temperature, 9.8 Wet temperature, 8.0

Dew-point, 0 R. humidity, 61 V. pressure, .038

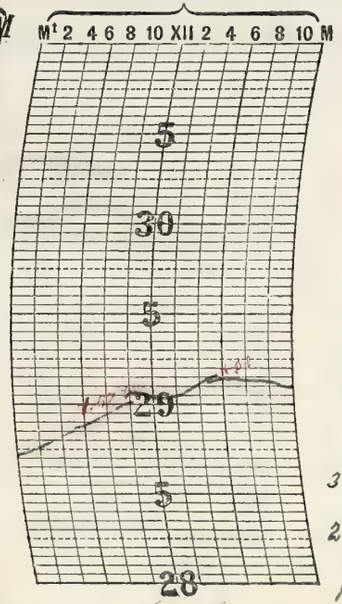
Clouds: Amount, FEW.; Kind, Cu.; Direction, NW.

Velocity of clouds (miles per hour)

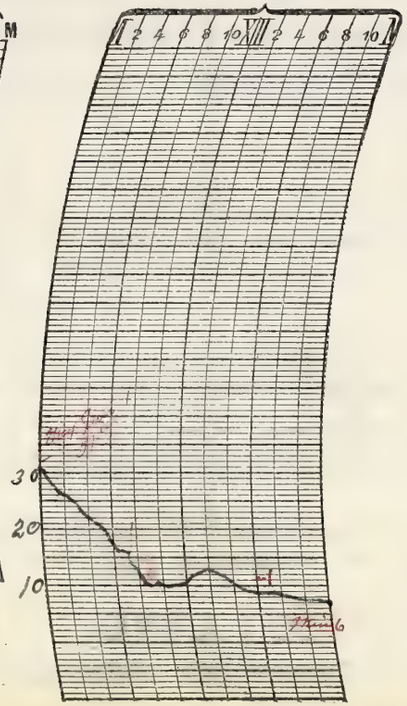
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

A cold wave without warning occurred between 7 pm of the 31st and 7 pm this date.

Prepared by W. A. Schuck

Verified by R. McNamara

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Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind, (Day of week) Frida, (Date) JAN - 9 1910, 192

Time (local standard). 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	4	4	5	5	3	2	2	1	1	1	2	4
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions	Clear											
Sunshine (in tenths of hours)								0	0	1.0	1.0	1.0
Wind direction	W	SW	SW	W	W	W	W	SW	W	W	W	W
Wind movement	11	11	12	14	14	13	13	15	17	20	21	24

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	5	4	4	3	3	2	2	1	1	0	-1	-2
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions		x-Pt Cloudy					Cloudy		x-Pt C-r		Clear	
Sunshine (in tenths of hours)	0.8	0	0	0	0							
Wind direction	W	W	W	W	W	W	W	W	W	W	W	SW
Wind movement	24	27	24	23	19	16	14	14	14	15	12	13

Maximum velocities (exceeding 29 miles) direction and time: 32 W 1:16

Sunrise: Time, 7:06 Character, Clear

Moonrise: 1:31p

Sunset: Time, 4:24 Character, Cloudy

Moonset: 3:21a

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
6	-2	2	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow, sleet, and hail on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Clear Moon phase,

Average daily cloudiness (0-10), 3

Actual sunshine, hours, 5.7 Possible sunshine, hours, 9.3

Per cent of possible sunshine, 61

Prevailing wind direction, W Total wind 400

Average hourly velocity, 16.7 Extreme velocity, 36

Maximum velocity, 32 Direction, W

Time began, 1:16 pm

Reduced barometer, 30.07 7 a. m. 30.36 7 p. m.

River gage, 2.3 Feet

Relative humidity, 82 7 a. m. 41 7 p. m.

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

OBSERVATIONS AT 12 ~~NOON~~. 12:38 pm (Local Mean Time.)

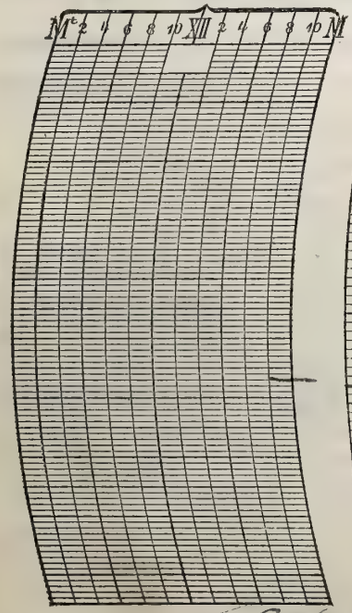
Dry temperature, 4.8 Wet temperature, 2.8

Dew-point, -9 R. humidity, 48 V. pressure, .023

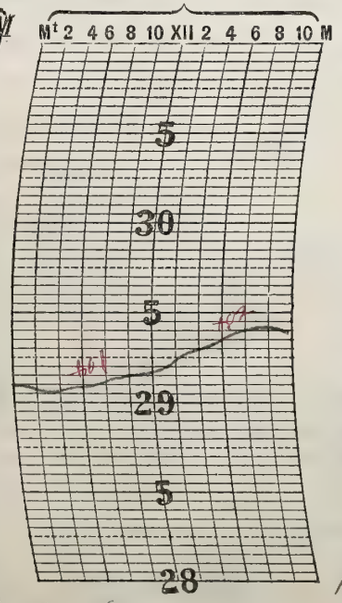
Clouds: Amount, 1; Kind, Cu; Direction, NNW.

Velocity of clouds (miles per hour)

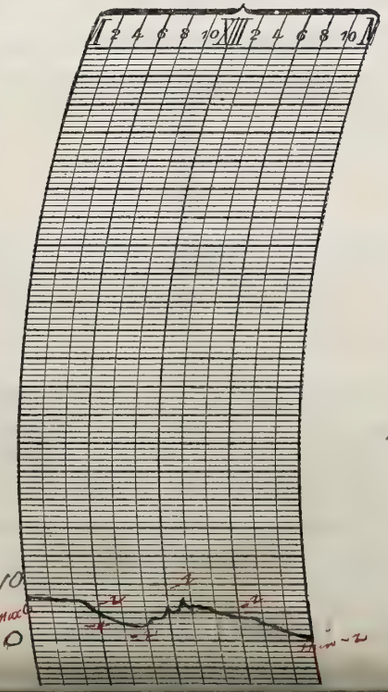
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



Prepared by C. C. Schicks

Verified by P. M. Donovan

NOTES.

A portion of a solar halo of 22° was observed at 3:20 pm. The length of the arc was about 45° with a bright parhelia to the right. The halo was bright and the colors visible in both the arc and parhelia were, Red, Orange, Yellow, Green and Blue. There were sup-centrics thin cirrostratus clouds from the northwest observed at the period of visibility of the phenomena. The phenomena ended at 3:40 pm with the passage of heavy cirrostratus clouds from the northwest.

A clear day with moderate winds that caused the cold to penetrate to the marrow and made it very unpleasant to be outdoors.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Saturday, (Date) JAN - 3 1920, 192

Time (local standard). 90" mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	-2	-2	-2	-2	-3	-2	-1	0	1	2	4	6
Nature of precipitation and time of beginning and ending									SPB 8:50			
Amounts of precipitation									—	—	—	—
Cloudiness and other conditions	?				Cloudy							
Sunrise: Time, 7:06 Character, Cloudy												
Moonrise: 4:28p												
Sunshine (in tenths of hours)								0	0	0	0	0
Wind direction	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW
Wind movement	13	11	10	10	11	8	10	11	13	13	11	10

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	7	7	9	9	8	8	12	8	9	10	10	10
Nature of precipitation and time of beginning and ending										SE		
Amounts of precipitation	—	—	—	—	—	—	—	—	—	—		
Cloudiness and other conditions	×	Pt	Cloudy			×		Cloudy				
Sunset: Time, 4:25 Character, Cloudy												
Moonset: 4:330												
Sunshine (in tenths of hours)	0	0	0.1	0	0							
Wind direction	W	SW	SW	SW	SW	W	SW	W	W	W	W	NW
Wind movement	11	8	7	9	7	8	8	7	7	7	8	7

State of weather.

Maximum velocities (exceeding 20 miles) direction and time.

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

Excessive precipitation, accumulated amounts

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
10	-3	4	

Total depth of snow for 24 hours ending 7 p. m., 0.2 inches.

Snow, sleet, and hail on ground 7 p. m., T inches.

Total snowfall, midnight to midnight, 0.2 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., .01 ins.

Total precipitation, midnight to midnight, .01 inches.

Character of day, Cloudy Moon phase,

Average daily cloudiness (0-10), 8

Actual sunshine, hours, 0.1 Possible sunshine, hours, 9.3

Per cent of possible sunshine, 1

Prevailing wind direction, SW Total wind 225

Average hourly velocity, 9.4 Extreme velocity, 16

Maximum velocity, 15 Direction, SW

Time began, 8:16am

Reduced barometer, 30.35 7 a. m. 30.32 7 p. m.

River gage, 2.1 Feet

Relative humidity, 79 7 a. m. 79 7 p. m.

OBSERVATIONS AT ~~12 NOON~~ 12:30 pm
(Local Mean Time.)

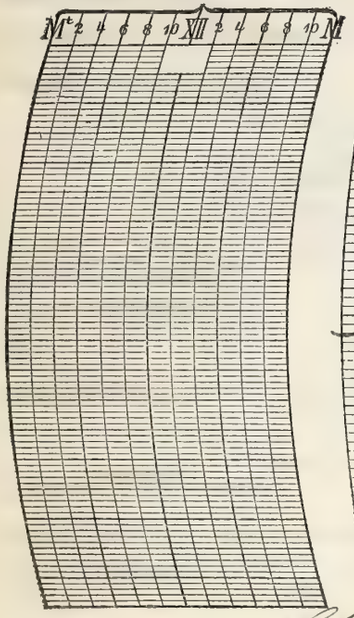
Dry temperature, 7.0 Wet temperature, 6.0

Dew-point, 1 R. humidity, 76 V. pressure, .040

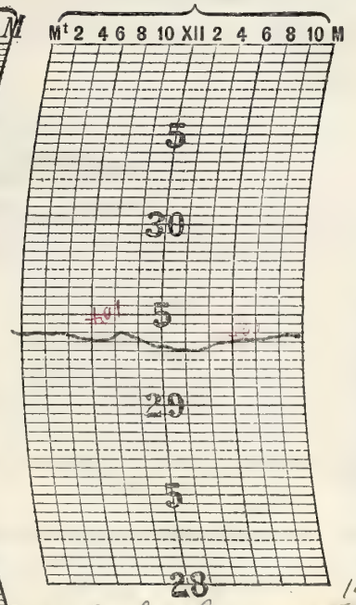
Clouds: Amount, 10; Kind, Nb; Direction, SW

Velocity of clouds (miles per hour)

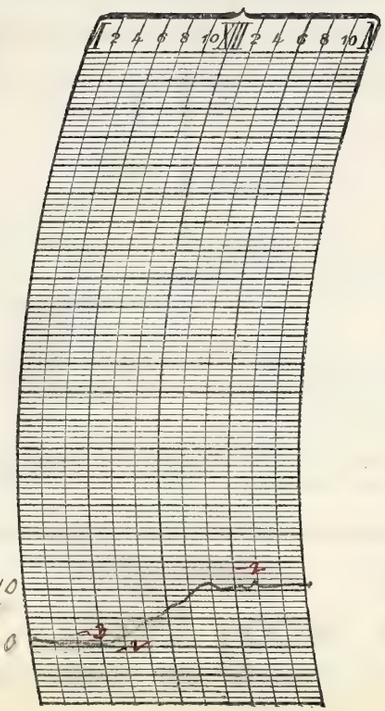
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

Prepared by C. C. Schick

Verified by P. M. Dougherty

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind, (Day of week) Sunday, (Date) JAN [illegible], 192

Time (local standard). 90° mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	10	9	10	10	11	11	11	11	12	13	15	16
State of weather. Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions	Cloudy											
	Sunrise: Time, 7:06 Character, Cloudy Moonrise: 3:31 P											
Sunshine (in tenths of hours)								0	0	0.1	0.6	0.1
Wind direction	W	W	W	W	NW	NW	W	W	W	W	W	NW
Wind movement	5	5	5	6	7	6	5	8	9	11	11	11
Maximum velocities (exceeding 20 miles) direction and time												

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	18	18	18	18	17	15	14	11	11	10	10	9
State of weather. Nature of precipitation and time of beginning and ending	S 12:15	S 1:30										
Amounts of precipitation	—	—										
Cloudiness and other conditions	Cloudy						Cloudy, Rx		Clear			
									Sunset: Time, 4:26 Character, Cloudy Moonset: 5:37 a			
Sunshine (in tenths of hours)	0.2	0	0	0	0							
Wind direction	NW	NW	W	W	W	W	W	W	NW	W	W	W
Wind movement	11	10	11	10	8	7	7	5	4	5	4	5
Maximum velocities (exceeding 20 miles) direction and time												

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
18	9	14	

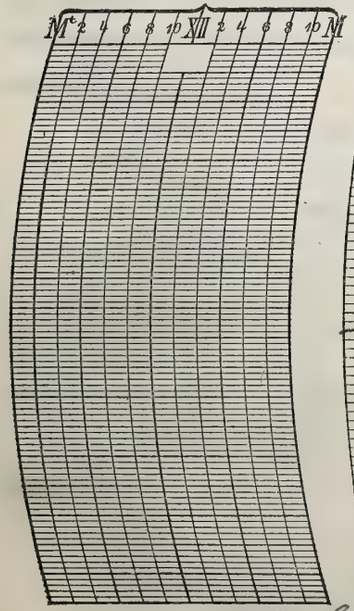
Total depth of snow for 24 hours ending 7 p. m., T inches.
Snow, sleet, and hail on ground 7 p. m., T inches.
Total snowfall, midnight to midnight, T inches.
Precipitation to 7 a. m., T ins.; to 7 p. m., T ins.
Total precipitation, midnight to midnight, T inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0-10), 8
Actual sunshine, hours, 1.0 Possible sunshine, hours, 9.3
Per cent of possible sunshine, 11
Prevailing wind direction, W Total wind 176
Average hourly velocity, 7.3 Extreme velocity, 13
Maximum velocity, 13 Direction, W
Time began, 2:02 p.m.
Reduced barometer, 30.46 7 a. m. 30.60 7, p. m.
River gage, 2.2 Feet
Relative humidity, 81 7 a. m. 74 7 p. m.

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

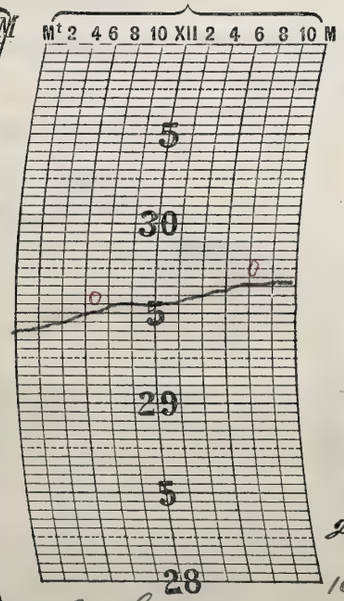
OBSERVATIONS AT ~~12 NOON.~~ 12:38 p.m.
(Local Mean Time.)

Dry temperature, 13.0 Wet temperature, 12.0
Dew-point, 9 R. humidity, 81 V. pressure, .060
Clouds: Amount, 8; Kind, S+Cu; Direction, NW
Velocity of clouds (miles per hour)

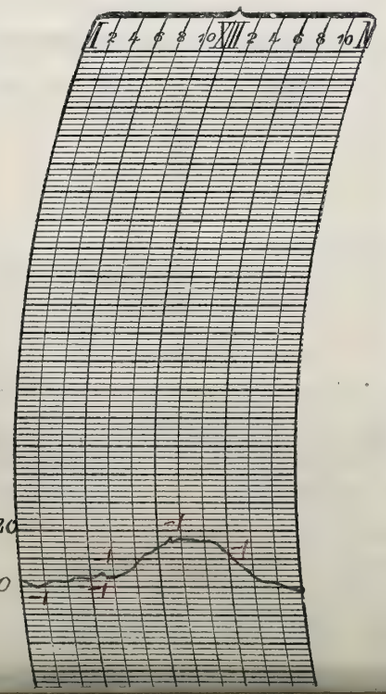
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

Prepared by E. C. Schick
Verified by J. M. Donovan

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Monday, (Date) JAN 5 1920, 192

Time (local standard). 90th mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	8	7	7	6	7	6	5	5	8	15	19	21	24	24	26	24	23	22	22	21	21	21	21	21
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions	←				Clear										→			Pt. Cloudy						?
Sunshine (in tenths of hours)								0	0	0.2	1.0	1.0	1.0	1.0	0.5	0	0							
Wind direction	W	SW	SW	SW	SW	SW	SW	SW	SW	S	S	SW	SW	SW	SW	SW	S	SW	S	S	S	S	S	S
Wind movement	3	5	5	6	4	4	6	8	7	8	11	11	13	13	11	10	9	9	8	7	8	8	9	11
Maximum velocities (exceeding 22 miles) direction and time																								

Sunrise: Time, 7:06 Character, Clear
Moonrise: 7:41p
Sunset: Time, 4:27 Character, Cloudy
Moonset: 6:34a

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

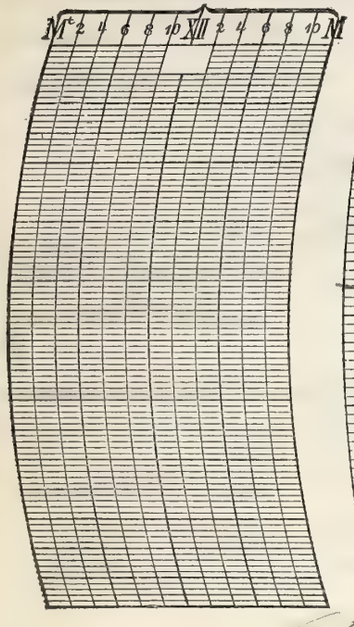
Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
26	5	16	✓

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., T inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Clear Moon phase, Full 3:05p
Average daily cloudiness (0-10), 2
Actual sunshine, hours, 7.4 Possible sunshine, hours, 9.4
Per cent of possible sunshine, 79
Prevailing wind direction, SW Total wind 194
Average hourly velocity, 8.1 Extreme velocity, 19
Maximum velocity, 16 Direction, SW
Time began, 1:11 pm
Reduced barometer, 30.63 7 a. m. 30.47 7 p. m.
River gage, 2.2 Feet
Relative humidity, 84 7 a. m. 55 7 p. m.

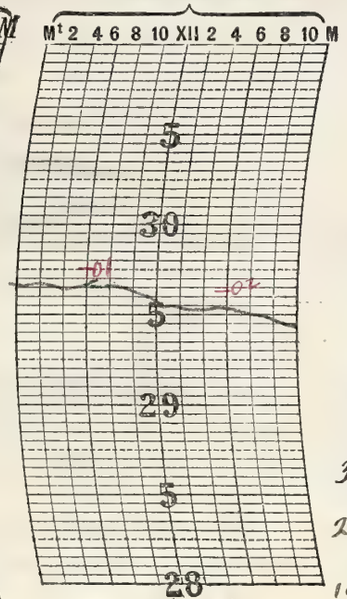
OBSERVATIONS AT ~~12 NOON~~ 1:38 pm
(Local Mean Time.)

Dry temperature, 22.5 Wet temperature, 19.0
Dew-point, 10 R. humidity, 52 V. pressure, .063
Clouds: Amount, 3; Kind, Ci St; Direction, NW
Velocity of clouds (miles per hour)

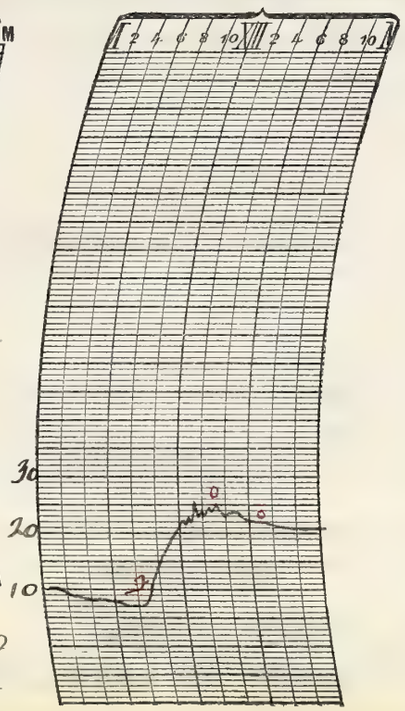
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

Although the temperature for the day were below the average, the wind was light and as a whole it was a clear and fairly pleasant day.

Prepared by C. A. Schick
Verified by P. McDonough

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Tuesday, (Date) JAN - 6 1920, 192

Time (local standard). 90th mer. normal time.

	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	21	22	23	23	23	24	24	24	25	27	25	27
State of weather: Nature of precipitation and time of beginning and ending											SDB 10:00	
Amounts of precipitation											—	—
Cloudiness and other conditions	?				Cloudy							
Sunshine (in tenths of hours)								0	0	0	0	0
Wind direction	S	S	S	S	S	S	S	S	S	S	S	S
Wind movement	11	10	11	11	9	6	7	7	7	8	14	7

	P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	28	30	30	31	31	32	33	32	32	31	31	31
State of weather: Nature of precipitation and time of beginning and ending						SE 5:30		HB 7:05	HE 9:00		HB 10:00	
Amounts of precipitation	—	—	—	—	—	—		—	—		—	—
Cloudiness and other conditions						Cloudy						
Sunshine (in tenths of hours)	0	0	0	0	0							
Wind direction	SE	SE	SE	SE	SE	SE	S	S	S	S	S	S
Wind movement	5	8	7	6	7	7	7	10	10	12	13	12

Sunrise: Time, 7:06 Character, Cloudy
Moonrise: 5:53p

Sunset: Time, 4:28 Character, Cloudy
Moonset: 7:23a

Maximum velocities (exceeding 22 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

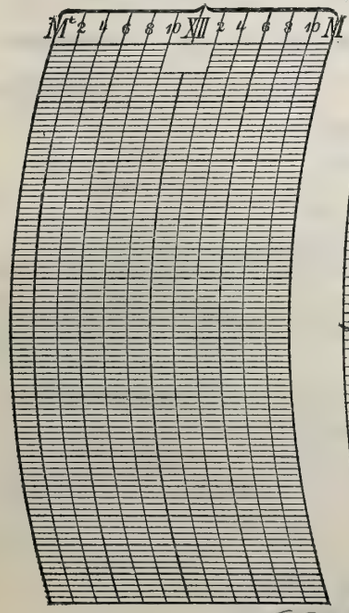
Excessive precipitation, accumulated amounts

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
33	21	27	

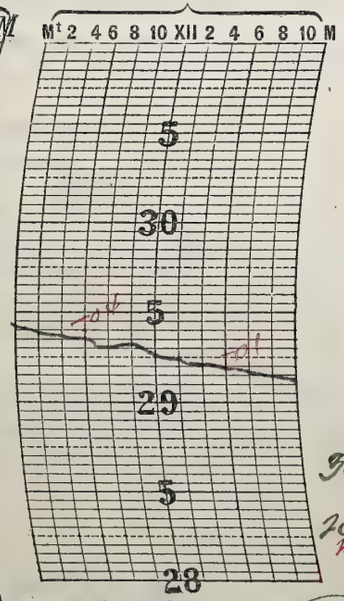
Total depth of snow for 24 hours ending 7 p. m., 0.1 inches.
Snow, sleet, and hail on ground 7 p. m., 0.1 inches.
Total snowfall, midnight to midnight, 0.1 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0.1 ins.
Total precipitation, midnight to midnight, 0.1 inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0–10), 10
Actual sunshine, hours, 0 Possible sunshine, hours, 9.4
Per cent of possible sunshine, 0
Prevailing wind direction, S Total wind 212
Average hourly velocity, 8.8 Extreme velocity, 18
Maximum velocity, 16 Direction, S
Time began, 10:11 am
Reduced barometer, 30.26 7 a. m. 30.11 7, p. m.
River gage, 2.1 Feet
Relative humidity, 72 7 a. m. 61 7 p. m.

OBSERVATIONS AT ~~12 NOON.~~ 12:38 P.M.
(Local Mean Time.)
Dry temperature, 27.6 Wet temperature, 25.6
Dew-point, 22 R. humidity, 77 V. pressure, .113
Clouds: Amount, 10; Kind, Nb; Direction, S
Velocity of clouds (miles per hour)

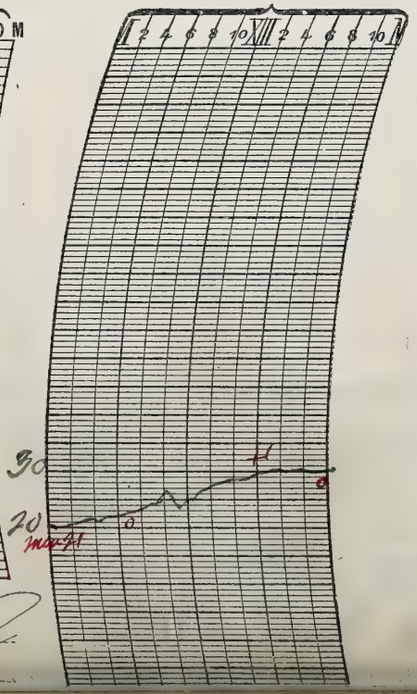
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



Prepared by C. C. Shicks
Verified by P. M. Donovan

NOTES.

Estimated.

Sl. Fog began at 8:50 am and ended at 10:00 am. Sl. direction was south.

A light dry fine snow which commenced at 10:10 am; continued until 5:30 pm. Late in the afternoon the snow commenced melting and continued through the night.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Wednesday, (Date) JAN 7 1920, 192

Time (local standard). 90 mer. normal time.

	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	32	33	33	33	34	34	34	34	35	35 RE 35	36	36
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation	—	—	—	—	—	—	—	—	—	—		
Cloudiness and other conditions	Cloudy											
Sunrise: Time, Character,	7:06 Cloudy											
Moonrise:	7:05P											
Sunshine (in tenths of hours)								0	0	0	0	0
Wind direction	S	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW
Wind movement	14	12	13	12	11	10	10	11	12	12	13	14
Maximum velocities (exceeding 29 miles) direction and time												

	P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	35	35	35	35	35	35	35	34	34	34	34	34
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions	Cloudy											
Sunset: Time, Character,									4:29 Cloudy			
Moonset:									8:06a			
Sunshine (in tenths of hours)	0	0	0	0	0							
Wind direction	SW	SW	SW	SW	W	W	W	W	W	SW	SW	W
Wind movement	14	14	12	12	10	9	8	7	7	7	5	5
Maximum velocities (exceeding 29 miles) direction and time												

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
36	31	34	

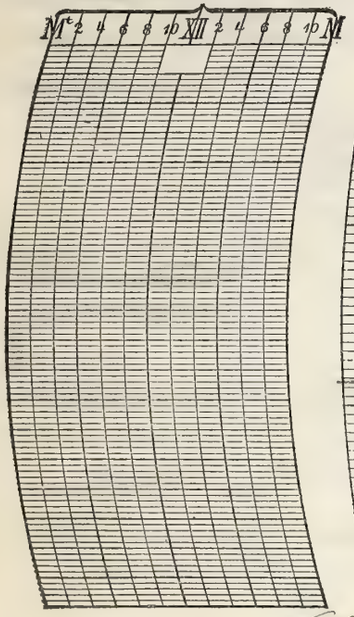
Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., T inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., .01 ins.; to 7 p. m., T ins.
Total precipitation, midnight to midnight, .01 inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0–10), 10
Actual sunshine, hours, 0 Possible sunshine, hours, 8.4
Per cent of possible sunshine, 0
Prevailing wind direction, SW Total wind 254
Average hourly velocity, 10.6 Extreme velocity, 18
Maximum velocity, 17 Direction, SW
Time began, 11:49am
Reduced barometer, 30.04 7 a. m. 30.15 7 p. m.
River gage, 2.1 ft.
Relative humidity, 90 7 a. m. 82 7 p. m.

OBSERVATIONS AT ~~12 NOON.~~ 1:38 P.M. (Local Mean Time.)

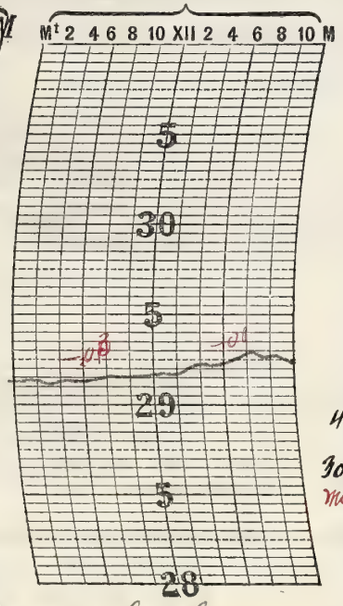
Dry temperature, 35.6 Wet temperature, 33.8
Dew-point, 31 R. humidity, 84 V. pressure, .172
Clouds: Amount, 10; Kind, St; Direction, SW
Velocity of clouds (miles per hour)

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

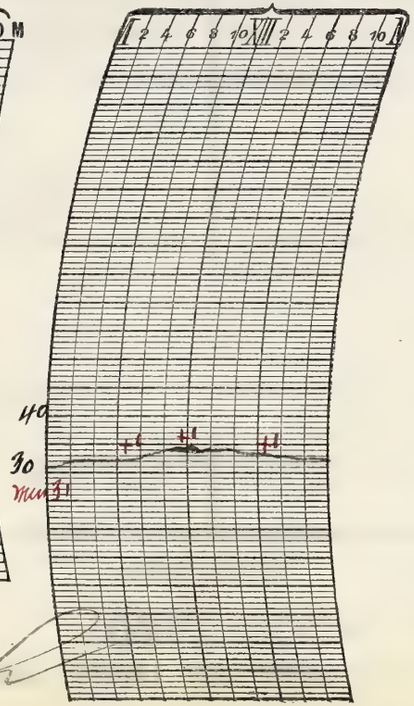
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



Prepared by C. A. Schuck

Verified by P. M. Emmert

8—486

ø Estimated.

NOTES.

This morning the streets and walkways were slippery due to the rain which fell during the night of the 6th-7th and which froze as it fell.

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Thursday, (Date) JAN - 8 1920, 192

Time (local standard) 90" mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	33	32	32	31	31	30	30	30	30	30	30	31
Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions	Cloudy											
Sunshine (in tenths of hours)								0	0	0	0	0
Wind direction	W	W	NW	NW	NW	NW	NW	NW	NW	N	N	N
Wind movement	5	5	6	5	5	5	6	5	5	8	6	8

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	30	30	29	29	29	28	28	25	24	23	23	23
Nature of precipitation and time of beginning and ending							Sd 6:10					
Amounts of precipitation							—	—	—	—	—	—
Cloudiness and other conditions	Cloudy											
Sunshine (in tenths of hours)	0	0	0	0	0							
Wind direction	N	N	N	N	NE	NE	NE	NE	NE	NE	NE	NE
Wind movement	9	10	9	11	10	11	13	14	17	18	18	15

State of weather.

Sunrise: Time, 7:06 Character, Cloudy
Moonrise: 8:14p

Sunset: Time, 4:30 Character, Cloudy
Moonset: 8:42a

Maximum velocities (exceeding 29 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

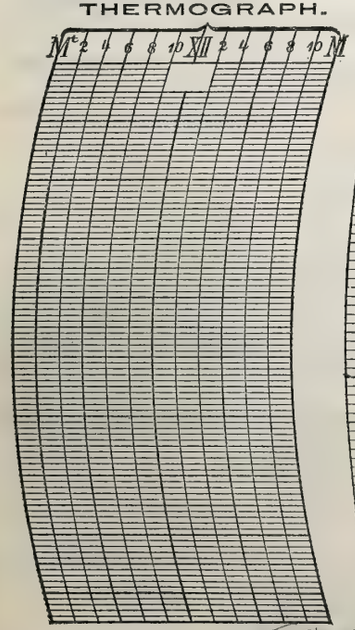
Excessive precipitation, accumulated amounts

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
34	23	28	

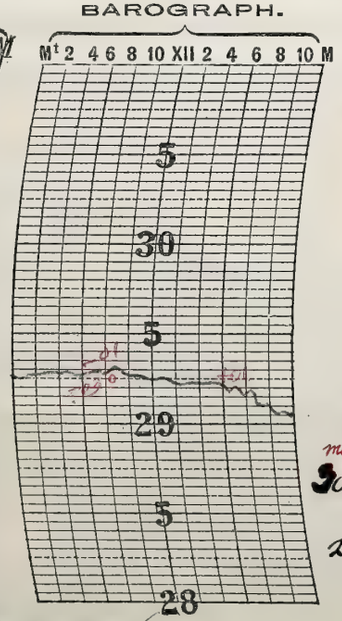
Total depth of snow for 24 hours ending 7 p. m., T inches.
Snow, sleet, and hail on ground 7 p. m., T inches.
Total snowfall, midnight to midnight, 1.5 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., T ins.
Total precipitation, midnight to midnight, 0.0 inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0-10), 10
Actual sunshine, hours, 0 Possible sunshine, hours, 9.4
Per cent of possible sunshine, 0
Prevailing wind direction, NE Total wind 224
Average hourly velocity, 9.3 Extreme velocity, 23
Maximum velocity, 22 Direction, NE
Time began, 9:41 pm.
Reduced barometer, 30.17 7 a. m. 30.13 7 p. m.
River gage, 2.1 Feet.
Relative humidity, 76 7 a. m. 66 7 p. m.

OBSERVATIONS AT ~~12 NOON.~~ 12:38 PM.
(Local Mean Time.)
Dry temperature, 31.2 Wet temperature, 27.8
Dew-point, 22 R. humidity, 65 V. pressure, 11.3
Clouds: Amount, 10; Kind, St.; Direction, N
Velocity of clouds (miles per hour)

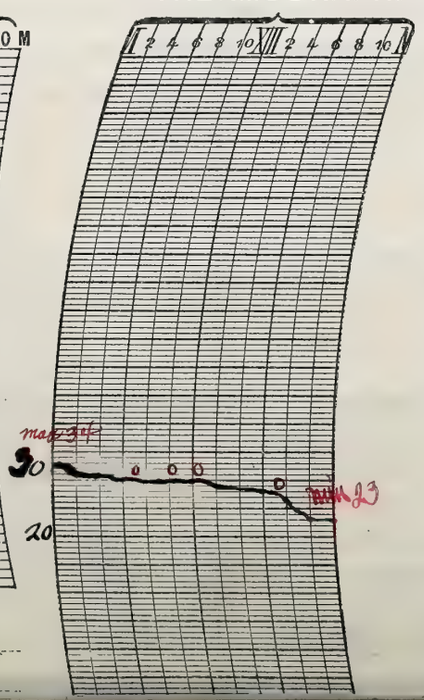
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



Prepared by C. A. Schaefer
Verified by P. McKenough

/ Estimated.

NOTES.

Light dry snow which commenced at 6:10 pm. Continued throughout the night coming from the northeast.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Friday, (Date) JAN - 9 1920, 192

Time (local standard). 90" mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	22	22	21	21	21	20	22	22	22	23	24	25	26	25	25	26	25	24	22	22	23	23	23	20
State of weather: Nature of precipitation and time of beginning and ending															SdE 2:27									
Amounts of precipitation	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—									
Cloudiness and other conditions	← Cloudy															→ Pt. Cldy →				Cloudy →				

Sunrise: Time, 7:06 Character, Cloudy
Moonrise: 9:20p
Sunset: Time, 4:31 Character, Cloudy
Moonset: 9:15a

	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Sunshine (in tenths of hours)								0	0	0	0	0.1	0	0.1	0	0	0							
Wind direction	NE	NE	NE	NE	NE	NE	N	N	NW	NW	N	NW	NW	NW	NW	NW	W	W	SW	SW	SW	SW	SW	SW
Wind movement	16	16	20	19	20	15	10	14	14	14	12	11	11	10	11	7	7	6	7	7	8	8	9	11
Maximum velocities (exceeding 20 miles) direction and time																								

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

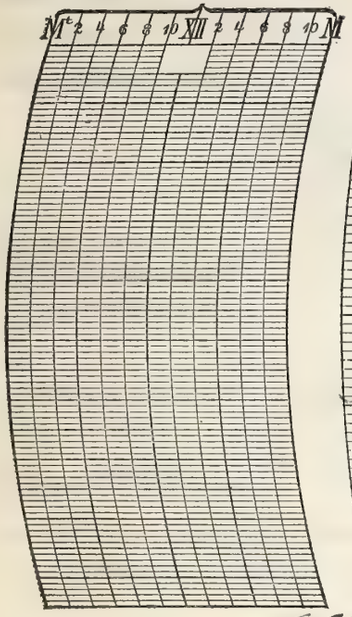
Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
26	20	23	

Total depth of snow for 24 hours ending 7 p. m., 5.5 inches.
Snow, sleet, and hail on ground 7 p. m., 5.5 inches.
Total snowfall, midnight to midnight, 4.0 inches.
Precipitation to 7 a. m., .22 ins.; to 7 p. m., .05 ins.
Total precipitation, midnight to midnight, .18 inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0-10), 9
Actual sunshine, hours, 0.2 Possible sunshine, hours, 9.4
Per cent of possible sunshine, 2
Prevailing wind direction, NE, SW, & NW Total wind 283
Average hourly velocity, 11.8 Extreme velocity, 26
Maximum velocity, 25 Direction, N
Time began, 3:47 am.
Reduced barometer, 29.90 7 a. m. 30.26 7 p. m.
River gage, 2.1
Relative humidity, 83 7 a. m. 82 7 p. m.

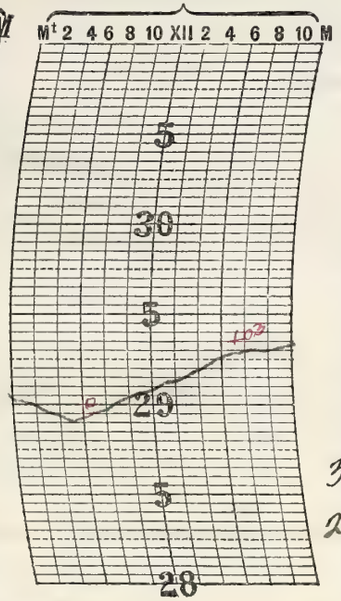
OBSERVATIONS AT ~~12 NOON~~. 12:35 P.M.
(Local Mean Time.)

Dry temperature, 24.8 Wet temperature, 22.8
Dew-point, 19 R. humidity, 75 V. pressure, .098
Clouds: Amount, 10; Kind, Nb; Direction, NW
Velocity of clouds (miles per hour)

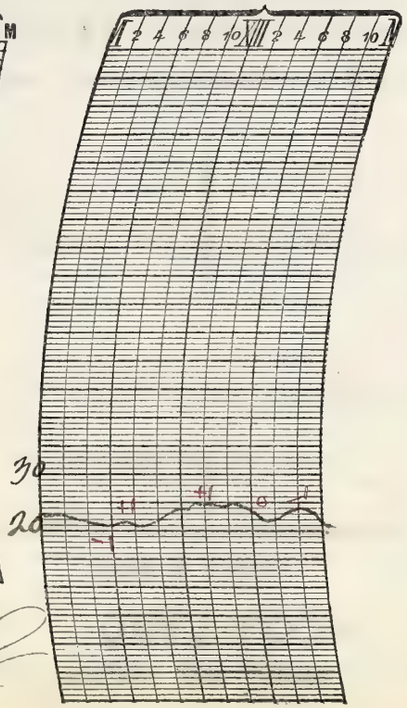
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



Prepared by C. A. Schieferdecker
Verified by C. M. Yarnall

8—486

ØEstimated.

NOTES.

The snow which began on the 8th continued until 12:27 pm. this date with a depth of 5.5 inches. This was the heaviest snow thus far this winter and exceeded the total amount for the season previous to this time.

Traffic while slightly delayed early in the day was not impeded and the greatest inconvenience was caused to pedestrians, on account of the snow packing and making walking slightly precarious.

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Saturday, (Date) JAN 1 [illegible], 192

Time (local standard). 90° mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	20	18	19	20	21	20	20	16	18	20	23	24	25	27	25	25	25	25	25	25	25	24	24	25
State of weather. Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions	← Cloudy								×			Pt.	Cloudy	×	Clear	×	Pt. Cldy	×			Cloudy			→
Sunrise: Time, Character,	7:06 Cloudy																				Sunset: Time, Character, 4:32 Cloudy			
Moonrise:	10:24p																				Moonset: 9:45a			
Sunshine (in tenths of hours)								0	0.1	1.0	1.0	0.6	1.0	1.0	0.9	0	0							
Wind direction	W	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW
Wind movement	10	11	10	11	13	12	10	11	13	13	12	18	16	17	17	16	13	13	12	12	14	16	12	12
Maximum velocities (exceeding 29 miles) direction and time																								

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
27	16	22	

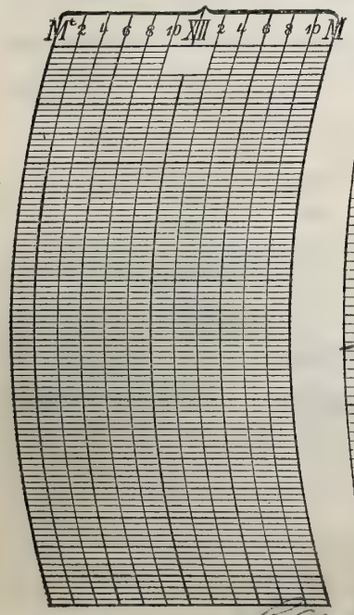
Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 5.2 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Pt. Cloudy Moon phase,
Average daily cloudiness (0-10), 5
Actual sunshine, hours, 5.6 Possible sunshine, hours, 9.4
Per cent of possible sunshine, 60
Prevailing wind direction, SW Total wind 310
Average hourly velocity, 13.3 Extreme velocity, 25
Maximum velocity, 34 Direction, SW
Time began, 11:23 am.
Reduced barometer, 30.37 7 a. m. 30.23 7 p. m.
River gage, 2.1 Feet
Relative humidity, 79 7 a. m. 81 7 p. m.

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

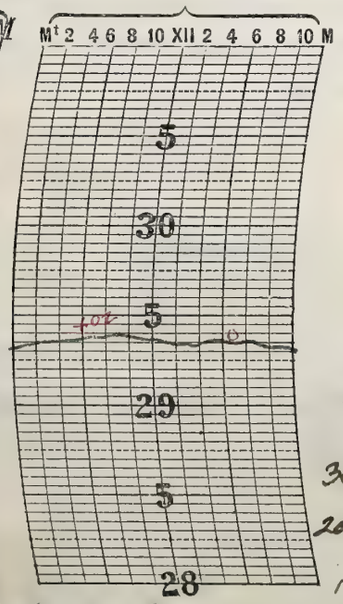
OBSERVATIONS AT 12 ~~NOON.~~ 12:38 P.M.
(Local Mean Time.)

Dry temperature, 24.7 Wet temperature, 23.0
Dew-point, 20 R. humidity, 78 V. pressure, .103
Clouds: Amount, 6; Kind, St; Direction, W.
Velocity of clouds (miles per hour)

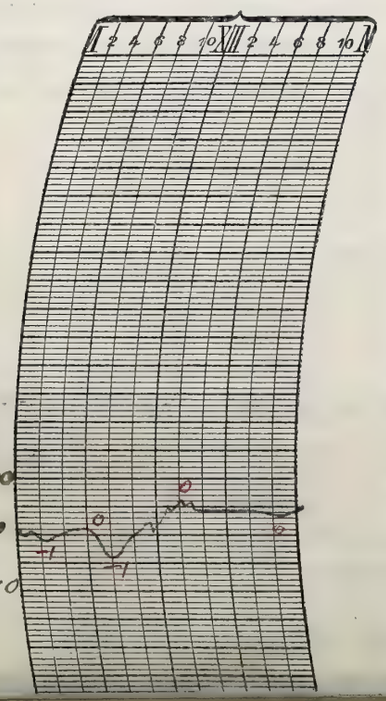
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

Pretty cloudy and pleasant day.

Prepared by C. C. Schick
Verified by C. M. Donnegh

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Sunday, (Date) JAN 11 1920, 192

Time (local standard). 90° mer. normal time.

	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	25	25	25	25	25	25	25	25	26	27	29	30
Nature of precipitation and time of beginning and ending		8:10 1:00 3:12 2:00										
Amounts of precipitation		T										
Cloudiness and other conditions	Cloudy											
Sunrise: Time, 7:05 Character, Cloudy												
Moonrise: 11:24 P												
Sunshine (in tenths of hours)								0	0	0.5	1.0	0.9
Wind direction	SW	SW	SW	W	W	W	W	W	SW	SW	W	W
Wind movement	12	11	7	10	9	9	9	9	10	11	13	12

	P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	31	31	31	29	26	25	25	25	23	21	21	20
Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions	Clear						Clear					
Sunset: Time, 4:33 Character, Clear												
Moonset: 10:43												
Sunshine (in tenths of hours)	1.0	1.0	1.0	1.0	.55 0							
Wind direction	W	W	W	SW	SW	SW	SW	SW	W	W	W	W
Wind movement	15	15	14	14	14	15	16	16	17	14	14	11

State of weather.

Maximum velocities (exceeding 29 miles) direction and time.

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
32	20	26	

Total depth of snow for 24 hours ending 7 p. m., T inches.

Snow, sleet, and hail on ground 7 p. m., 4.9 inches.

Total snowfall, midnight to midnight, T inches.

Precipitation to 7 a. m., T ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, T inches.

Character of day, Clear Moon phase,

Average daily cloudiness (0–10), 2

Actual sunshine, hours, 7.0 Possible sunshine, hours, 9.5

Per cent of possible sunshine, 74

Prevailing wind direction, W Total wind 297

Average hourly velocity, 12.4 Extreme velocity, 19

Maximum velocity, 19 Direction, W

Time began, 1:52 p.m.

Reduced barometer, 30.28 7 a. m. 30.21 7 p. m.

River gage, 2.1 Feet

Relative humidity, 80 7 a. m. 54 7 p. m.

OBSERVATIONS AT ~~12 NOON.~~ 1:35 P.M.
(Local Mean Time.)

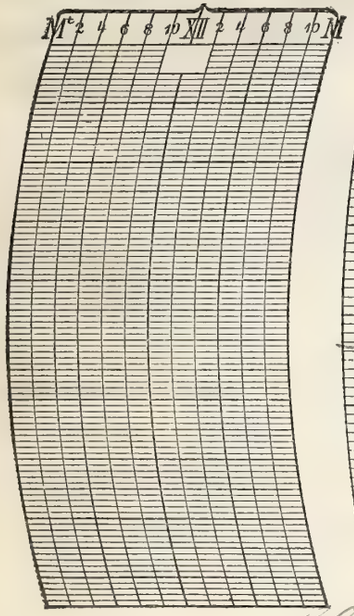
Dry temperature, 30.6 Wet temperature, 27.2

Dew-point, 21 R. humidity, 64 V. pressure, .108

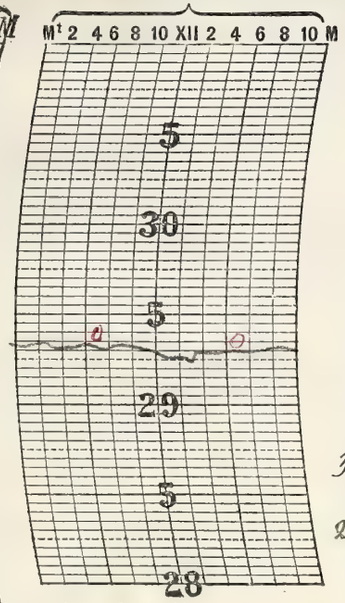
Clouds: Amount, 1; Kind, Ci.Cu.; Direction, W.

Velocity of clouds (miles per hour)

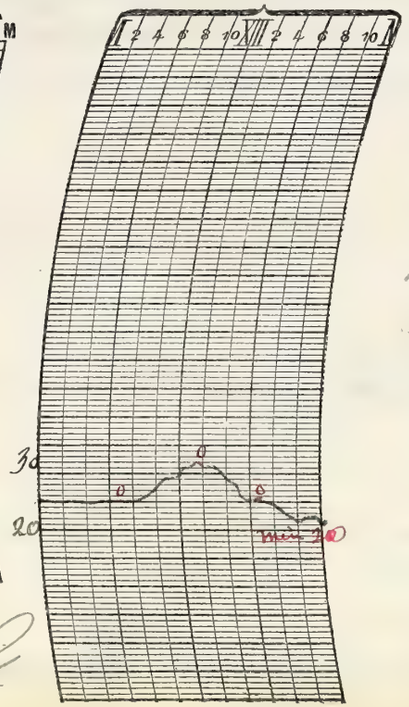
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

Light snow in the early morning; cloudy until 9 a.m. when clouds began to dissolve and from 9:30 a.m. on it was clear. There was some showing during the later forenoon and early afternoon making the streets somewhat slushy. However, it froze up again and the streets became hard and icy again.

Prepared by E. A. Schick.

Verified by C. M. Donough

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Monday, (Date) JAN 1 1920, 192

Time (local standard). 90th mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	18	17	16	16	10	9	10	11	14	16	21	23
Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions	Clear											
Sunshine (in tenths of hours)								0	0	0	0.4	1.0
Wind direction	W	W	W	SW	SW	SW	SW	SW	SW	SW	SW	SW
Wind movement	10	9	9	7	9	9	11	8	7	10	14	14

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	28	29	31	30	29	30	32	32	33	35	35	36
Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions	Clear							Pt. Cldy		x-Cldy		
Sunshine (in tenths of hours)	1.0	1.0	1.0	0.4 .57 0.6	0							
Wind direction	S	S	SW	S	SW	SW	SW	SW	SW	SW	SW	SW
Wind movement	15	16	18	21	19	19	24	24	26	26	27	25

Sunrise: Time, 7:05 Character, Cloudy
Moonrise: —
Sunset: Time, 4:34 Character, Clear
Moonset: 10:44a

Maximum velocities (exceeding 20 miles) direction and time: 30 SW 9:32; 31 SW 10:24

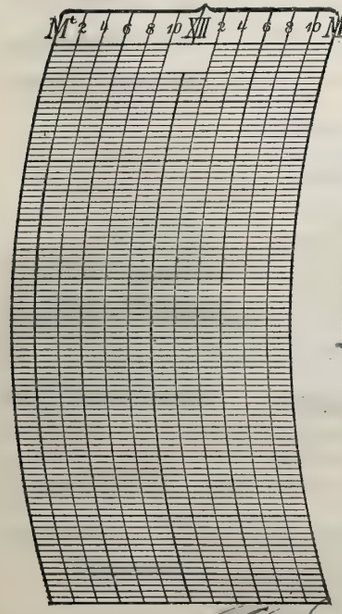
Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
36	9	22	

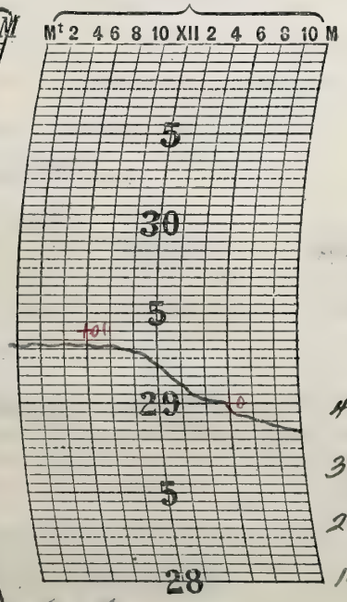
Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m. 4a inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Clear Moon phase, L. Q.
Average daily cloudiness (0-10), 3
Actual sunshine, hours, 6.0 Possible sunshine, hours, 9.5
Per cent of possible sunshine, 63
Prevailing wind direction, SW Total wind 327
Average hourly velocity, 15.7 Extreme velocity, 33
Maximum velocity, 31 Direction, SW
Time began, 10:24 p.m.
Reduced barometer, 30.31 7 a. m. 29.91 7 p. m.
River gage, 2.15 ft.
Relative humidity, 87 7 a. m. 60 7 p. m.

OBSERVATIONS AT ~~12 NOON.~~ 12:38 p.m.
(Local Mean Time.)
Dry temperature, 25.9 Wet temperature, 21.0
Dew-point, 7 R. humidity, 41 V. pressure, .054
Clouds: Amount, 1; Kind, Cu; Direction, SW
Velocity of clouds (miles per hour)

THERMOGRAPH.



BAROGRAPH.



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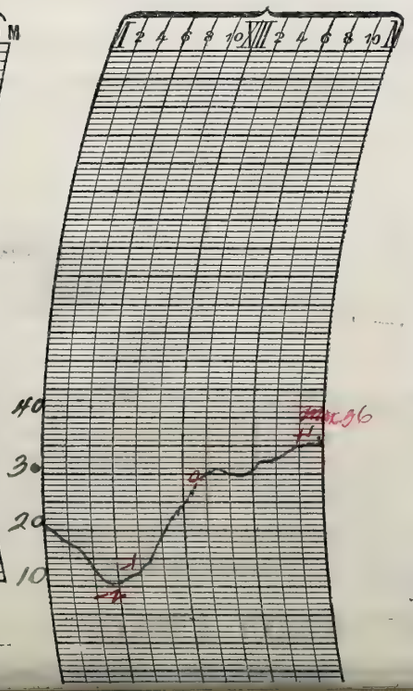


NOTES.

Prepared by E. L. Schuck
Verified by J. M. Donovan

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Tuesday, (Date) JAN 1 1929, 192

Time (local standard) 90° mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	36	36	35	33	32	30	30	28	28	29	29	30	32	32	30	29	27	25	24	23	22	20	19	18
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions	Cloudy							Hldy					Clear											?
Sunrise: Time, Character,	7:05 Cloudy																							
Moonrise:	12:26a																							
Sunset: Time, Character,																					4:35 Clear			
Moonset:																					11:15a			
Sunshine (in tenths of hours)								0	0.2	1.0	1.0	1.0	1.0	1.0	1.0	0.4 0.6	0							
Wind direction	SW	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W
Wind movement	22	22	21	21	19	20	18	17	16	19	20	21	22	22	25	22	20	19	17	16	17	18	18	15
Maximum velocities (exceeding 29 miles) direction and time																								

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
36	18	27	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow, sleet, and hail on ground 7 p. m., 20 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Clear Moon phase,

Average daily cloudiness (0-10), 3

Actual sunshine, hours, 7.8 Possible sunshine, hours, 9.5

Per cent of possible sunshine, 82

Prevailing wind direction, W Total wind 467

Average hourly velocity, 19.5 Extreme velocity, 30

Maximum velocity, 28 Direction, W

Time began, 2:29 pm.

Reduced barometer, 29.90 a. m. 30.06 p. m.

River gage, 2.1 Fall

Relative humidity, 78 a. m. 42 p. m.

OBSERVATIONS AT ~~12 NOON~~ 2:38 P.M. (Local Mean Time.)

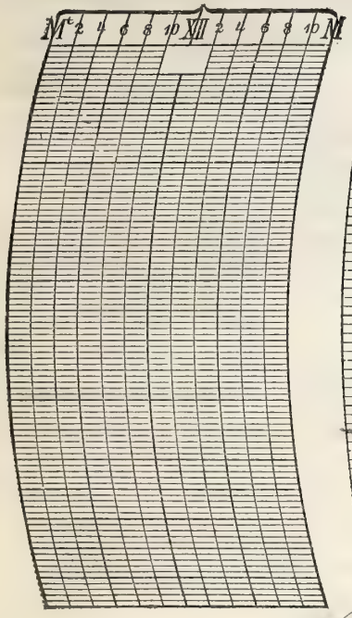
Dry temperature, 31.1 Wet temperature, 25.9

Dew-point, 15 R. humidity, 47 V. pressure, .08

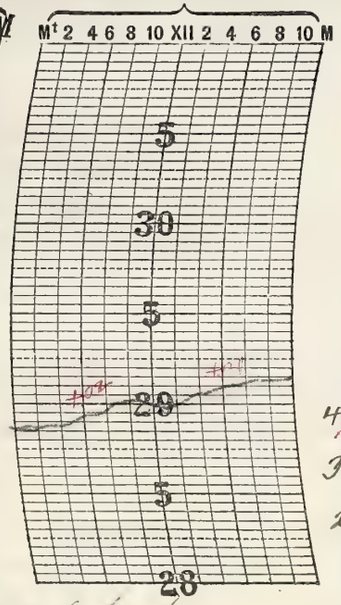
Clouds: Amount, 0; Kind, 0; Direction, 0

Velocity of clouds (miles per hour)

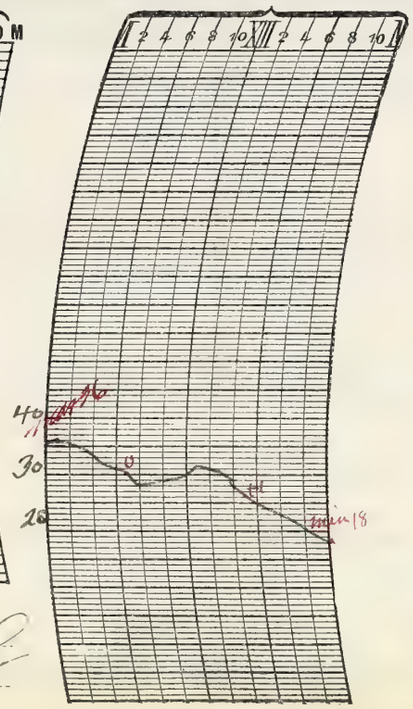
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

A clear and very pleasant day with moderate temperature which commenced shifting with the approach of nightfall.

Prepared by F. A. Schick

Verified by P. M. Dunough

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Wednesday, (Date) JAN 14 1920, 192

Time (local standard). 90th mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	14	15	15	14	13	12	12	12	13	15	17	17	19	20	20	20	20	19	19	19	19	19	18	18
State of weather: Nature of precipitation and time of beginning and ending			SP 10 OVR												SP 5 2:20									
Amounts of precipitation			—	—	—	—	—	—	—	—	—	—	—	—	—									
Cloudiness and other conditions	?				Cloudy												Cloudy							
Sunrise: Time, 7:04 Character, Cloudy																								
Moonrise: 1:24a																								
Sunset: Time, 4:36 Character, Cloudy																								
Moonset: 11:48a																								
Sunshine (in tenths of hours)								0	0	0.1	0	0	0	0	0	0	0							
Wind direction	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	SW	SW
Wind movement	13	14	15	16	16	14	13	12	11	12	10	10	9	9	11	10	7	10	9	8	9	9	10	7
Maximum velocities (exceeding 29 miles) direction and time																								

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
20	12	16	

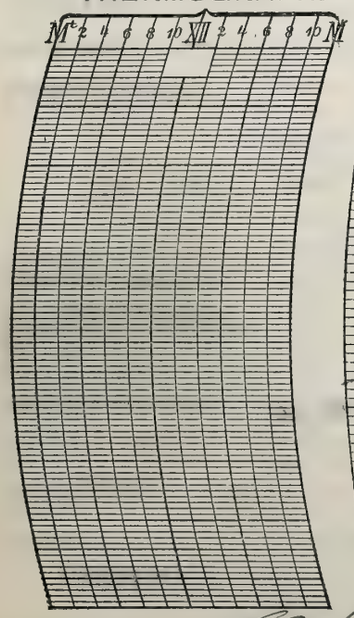
Total depth of snow for 24 hours ending 7 p. m., T inches.
Snow, sleet, and hail on ground 7 p. m., 3.0 inches.
Total snowfall, midnight to midnight, T inches.
Precipitation to 7 a. m., T ins.; to 7 p. m., T ins.
Total precipitation, midnight to midnight, T inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0-10), 10
Actual sunshine, hours, 0.1 Possible sunshine, hours, 9.5
Per cent of possible sunshine, 1
Prevailing wind direction, W Total wind 264
Average hourly velocity, 11.0 Extreme velocity, 18
Maximum velocity, 18 Direction, W
Time began, 2:57am
Reduced barometer, 30.23 7 a. m. 30.24 7 p. m.
River gage, 2.2 ice +
Relative humidity, 78 7 a. m. 75 7 p. m.

	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																				

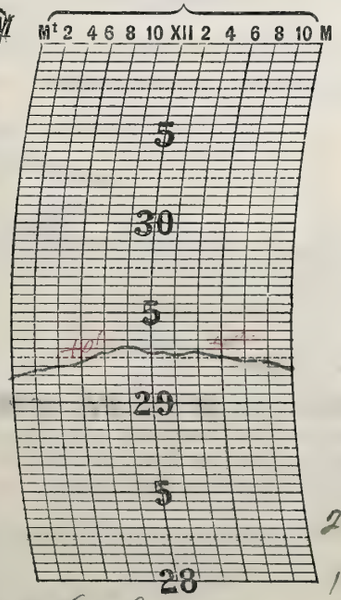
OBSERVATIONS AT ~~12 NOON.~~ 12:38 P.M.
(Local Mean Time.)

Dry temperature, 19.3 Wet temperature, 16.8
Dew-point, 10 R. humidity, 62 V. pressure, .063
Clouds: Amount, 10; Kind, St Cu.; Direction, NNW.
Velocity of clouds (miles per hour)

THERMOGRAPH.



BAROGRAPH.



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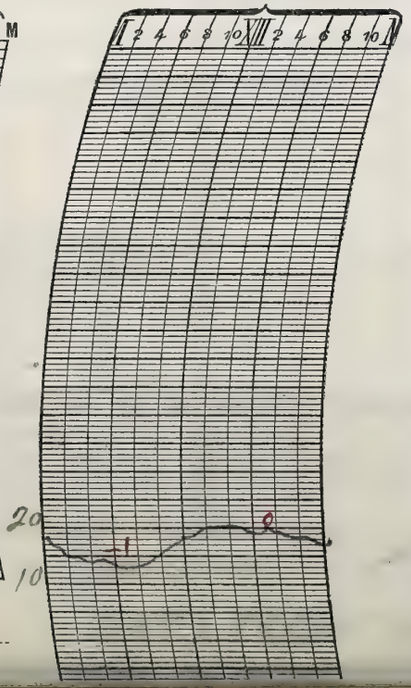


NOTES.

A cloudy and cold day which had a trace of snow early through the snow fell throughout the morning and the early part of the afternoon.

Prepared by E. A. Schuck
Verified by F. M. Dunough

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne Ind, (Day of week) Thursday, (Date) JAN 1 [illegible], 192

Time (local standard). 90° mer. normal time.

	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	17	16	16	16	16	16	16	16	17	18	18	19	20	21	17	18	17	17	16	16	16	16	16	16
State of weather. Nature of precipitation and time of beginning and ending	SnB DNA				SE DNA											SnB 3:27								
Amounts of precipitation	—	—	—	—	—											—	—	—	—	—	—	—	—	—
Cloudiness and other conditions	← Cloudy												← Cloudy											
Sunrise: Time, Character,	7:04 Cloudy																							
Moonrise:	2:21a																							
Sunset: Time, Character,																					4:37 Cloudy			
Moonset:																					12:24p			
Sunshine (in tenths of hours)								0	0	0	0	0	0	0	0	0	0							
Wind direction	W	W	NW	NW	NE	NE	NE	E	E	E	E	E	E	E	E	NE	E	E	E	E	E	E	E	E
Wind movement	5	3	2	3	3	2	3	5	6	7	8	8	5	8	10	11	11	10	12	13	14	15	15	16
Maximum velocities (exceeding 29 miles) direction and time																								

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

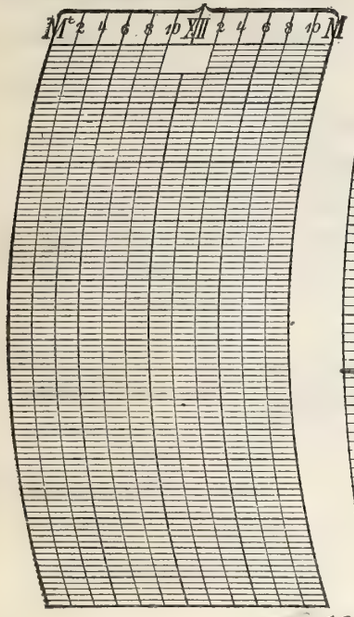
Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
21	16	18	

Total depth of snow for 24 hours ending 7 p. m., 2.0 inches.
Snow, sleet, and hail on ground 7 p. m., 5.0 inches.
Total snowfall, midnight to midnight, 2.5 inches.
Precipitation to 7 a. m., .05 ins.; to 7 p. m., .05 ins.
Total precipitation, midnight to midnight, ø.14 inches.
Character of day, Cloudy. Moon phase,
Average daily cloudiness (0–10), 10
Actual sunshine, hours, 0 Possible sunshine, hours, 9.6
Per cent of possible sunshine, 0
Prevailing wind direction, E Total wind 195
Average hourly velocity, 8.1 Extreme velocity, 19
Maximum velocity, 18 Direction, E
Time began, 11:47 p.m.
Reduced barometer, 30.07 7 a. m. 29.99 7 p. m.
River gage, 2.1 Feet
Relative humidity, 93 7 a. m. 78 7 p. m.

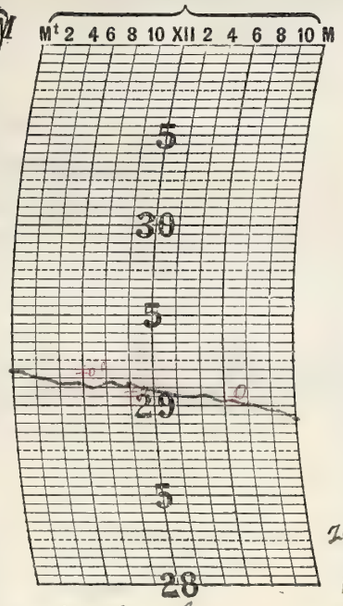
OBSERVATIONS AT ~~12 NOON~~ 12:38 P.M.
(Local Mean Time.)

Dry temperature, 20.2 Wet temperature, 19.0
Dew-point, 16 R. humidity, 82 V. pressure, .085
Clouds: Amount, 10; Kind, St; Direction, E
Velocity of clouds (miles per hour)

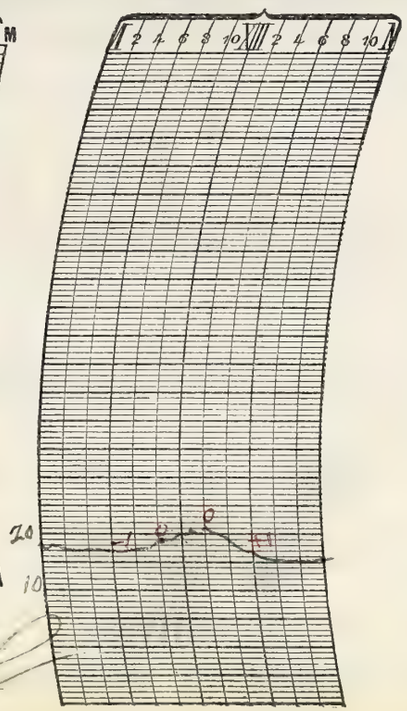
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



ø Estimated.

NOTES.

Dull and gloomy day with rather low temperatures. Late in the afternoon a driving dry snow set in from the east which continued throughout the night. There were moderate winds also which caused considerable drifting particularly in country districts.

Prepared by E. A. Schick
Verified by P. McDonough

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Friday, (Date) JAN 13 '92, 192

Time (local standard). 90th mer. normal time.

	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	16	16	16	16	16	15	15	15	15	15	15	15
State of weather. Nature of precipitation and time of beginning and ending				Dry Snow								
Amounts of precipitation	—	—	—	—	—	—	—	—	—	—	—	—
Cloudiness and other conditions	Cloudy											
Sunrise: Time, Character,	7:04 Cloudy											
Moonrise:	3:16 a											
Sunshine (in tenths of hours)								0	0	0	0	0
Wind direction	E	E	E	E	E	E	E	E	E	E	E	E
Wind movement	16	16	17	16	15	19	18	16	16	17	14	14

	P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	17	17	17	17	17	17	17	17	17	15	13	11
State of weather. Nature of precipitation and time of beginning and ending											S E	
Amounts of precipitation	—	—	—	—	—	—	—	—	—	—	—	
Cloudiness and other conditions	Cloudy											
Sunset: Time, Character,									4:39 Cloudy			
Moonset:									1:06 p			
Sunshine (in tenths of hours)	0	0	0	0	0							
Wind direction	E	E	NE	NE	NE	N	NW	W	W	W	W	NW
Wind movement	14	12	8	8	7	4	6	11	11	10	11	13

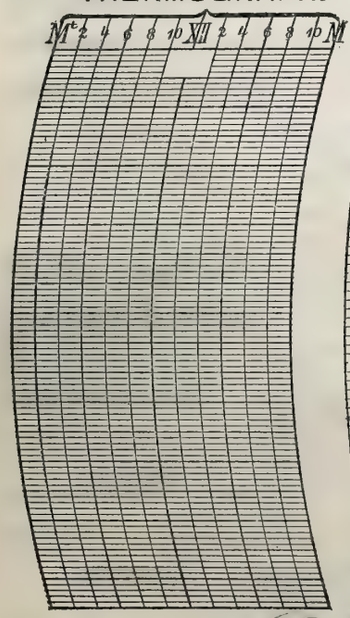
Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
17	11	14	

Total depth of snow for 24 hours ending 7 p. m., 4.5 inches.
Snow, sleet, and hail on ground 7 p. m., 6.5 inches.
Total snowfall, midnight to midnight, 4.0 inches.
Precipitation to 7 a. m., .08 ins.; to 7 p. m., .04 ins.
Total precipitation, midnight to midnight, .08 inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0–10), 10
Actual sunshine, hours, 0 Possible sunshine, hours, 9.6
Per cent of possible sunshine, 0
Prevailing wind direction, E Total wind 300
Average hourly velocity, 12.9 Extreme velocity, 24
Maximum velocity, 22 Direction, E
Time began, 6:14 a.m.
Reduced barometer, 29.70 a. m. 29.107 p. m.
River gage, 2.2 Feet.
Relative humidity, 82 7 a. m. 90 7 p. m.

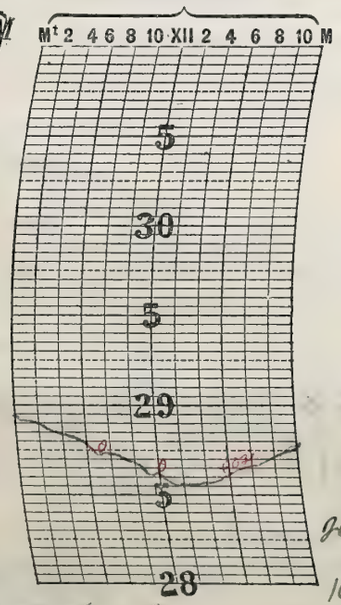
OBSERVATIONS AT ~~12 NOON.~~ 12:38 PM.
(Local Mean Time.)
Dry temperature, 15.0 Wet temperature, 14.0
Dew-point, 11 R. humidity, 82 V. pressure, .066
Clouds: Amount, 10; Kind, Nb; Direction, NE
Velocity of clouds (miles per hour)

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

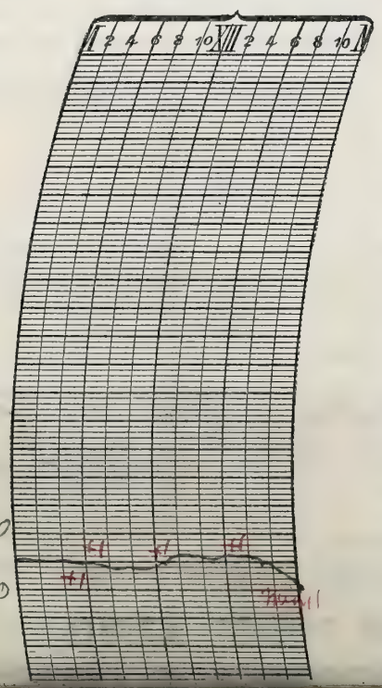
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



Prepared by C. A. Schuck

Verified by R. M. A. Donovan

* Estimated

NOTES.

One p.m. (75th Meridian Time) special called for by Central Office. A dark and gloomy day with low temperature and fine dry snow which began in the A.M. a continued throughout the day and late into the night. The flakes during the P.M. were exceedingly fine and light and with moderate winds blowing all day there was considerable drifting rendering country roads impassable to most vehicles (in places) and interfering highly with steam and electric railway schedules.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Saturday, (Date) JAN 17 192, 192

Time (local standard). 90th mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	9	8	8	7	7	10	12	14	15	16	18	19
State of weather: Nature of precipitation and time of beginning and ending									SW B 8:25		SW E 10:10	
Amounts of precipitation									—	—	—	
Cloudiness and other conditions	Cloudy											
Sunrise: Time, Character,	7:03 Cloudy											
Moonrise:	4:08a											
Sunshine (in tenths of hours)								0	0	0	0	0
Wind direction	NW	NW	W	W	W	NW	W	W	W	SW	SW	W
Wind movement	13	9	9	10	7	7	9	8	8	8	13	13

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	19	19	17	16	15	14	14	13	12	11	10	9
State of weather: Nature of precipitation and time of beginning and ending	SW B 12:30						SW E 6:15			SW B 9:50		SW E DNP
Amounts of precipitation	—	—	—	—	—	—	—	—		—	—	—
Cloudiness and other conditions	Cloudy											
Sunset: Time, Character,									4:40 Cloudy			
Moonset:									1:52p			
Sunshine (in tenths of hours)	0	0	0	0	0							
Wind direction	W	W	W	W	W	W	W	W	W	W	W	W
Wind movement	15	17	17	17	17	18	17	18	18	19	16	14

Maximum velocities (exceeding 2 miles) direction and time.

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

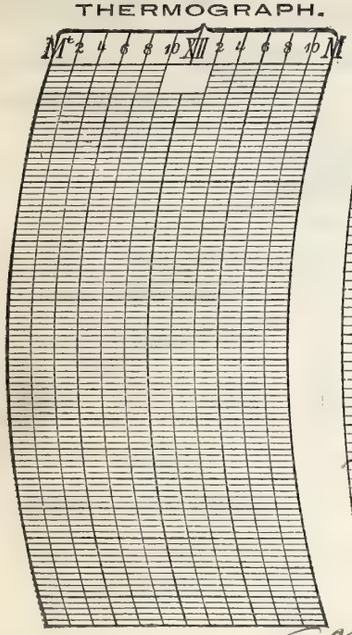
Excessive precipitation, accumulated amounts

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
19	7	13	

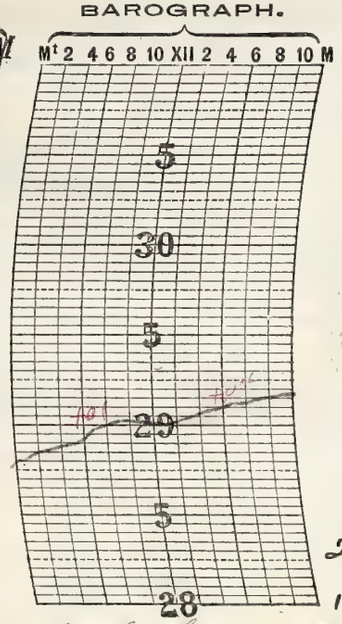
Total depth of snow for 24 hours ending 7 p. m. 0.2 inches.
Snow, sleet, and hail on ground 7 p. m., 6.7 inches.
Total snowfall, midnight to midnight, 0.2 inches.
Precipitation to 7 a. m., T ins.; to 7 p. m., .01 ins.
Total precipitation, midnight to midnight, .01 inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0-10), 10
Actual sunshine, hours, 0 Possible sunshine, hours, 9.6
Per cent of possible sunshine, 0
Prevailing wind direction, NW Total wind 317
Average hourly velocity, 13.2 Extreme velocity, 27
Maximum velocity, 24 Direction, W
Time began, 9:12 pm
Reduced barometer, 29.91 7 a. m. 30.09 7 p. m.
River gage, 8.2 Feet
Relative humidity, 72 7 a. m. 67 7 p. m.

OBSERVATIONS AT ~~12 NOON~~ 1235 PM
(Local Mean Time.)
Dry temperature, 18.0 Wet temperature, 17.0
Dew-point, 14 R. humidity, 84 V. pressure, .05
Clouds: Amount, 10; Kind, St Cu.; Direction, W.
Velocity of clouds (miles per hour)

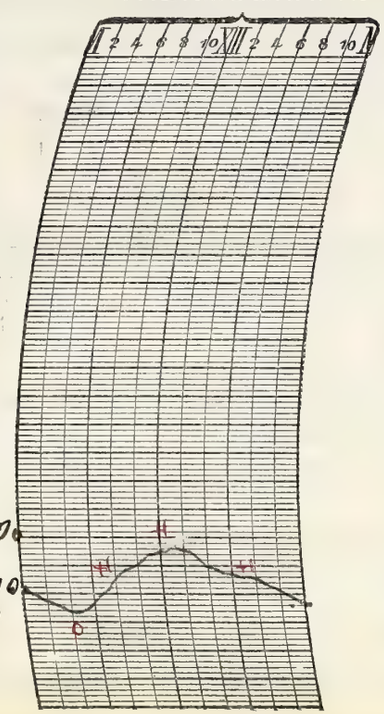
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

Cloudy and cold day with a light snow during the portion of the morning and also through the greater portion of the afternoon and evening.

Prepared by C. C. Schick.
Verified by P. McDonough.

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Sunday, (Date) JAN 18 1920, 192

Time (local standard). 90th mer. normal time.

	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	7	6	5	4	2	2	2	2	2	5	6	9
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions	← Cloudy							×	Pt Cloudy			×
Sunrise: Time, Character, 7:03 Cloudy; Moonrise: 4:56a												
Sunshine (in tenths of hours)								0	0	0.6	0.6	0.8
Wind direction	W	W	W	SW	SW	W	W	W	SW	SW	SW	SW
Wind movement	16	16	15	15	15	15	15	14	14	14	15	14
Maximum velocities (exceeding 29 miles) direction and time												

	P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	9	10	10	10	10	10	10	10	10	10	10	10
State of weather: Nature of precipitation and time of beginning and ending										SW B 9:00		
Amounts of precipitation										—	—	—
Cloudiness and other conditions	Clear ×		Pt Cloudy ×				Cloudy					→
Sunset: Time, Character, 4:41 Cloudy; Moonset: 2:42p												
Sunshine (in tenths of hours)	1.0	1.0	0.4	0	0							
Wind direction	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	S	SE
Wind movement	11	12	13	11	10	8	7	7	6	7	7	3

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

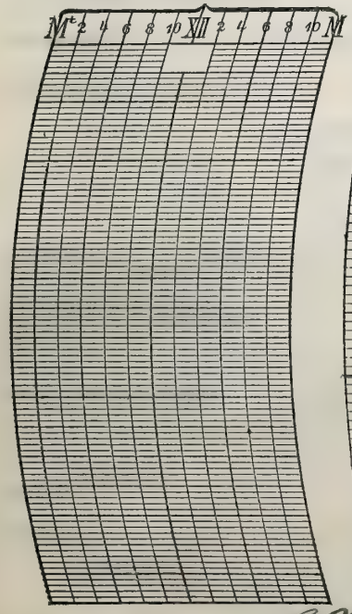
Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
11	2	6	

Total depth of snow for 24 hours ending 7 p. m., T inches.
Snow, sleet, and hail on ground 7 p. m., 6.6 inches.
Total snowfall, midnight to midnight, 9.0 inches.
Precipitation to 7 a. m., T ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0.10 inches.
Character of day, Pt Cloudy Moon phase,
Average daily cloudiness (0–10), 6
Actual sunshine, hours, 4.4 Possible sunshine, hours, 9.6
Per cent of possible sunshine, 46
Prevailing wind direction, SW Total wind 280
Average hourly velocity, 11.7 Extreme velocity, 21
Maximum velocity, 19 Direction, W
Time began, 6:30a.m.
Reduced barometer, 30.26 7a. m. 30.28 7p. m.
River gage, 2.2 Feet.
Relative humidity, 88 7a. m. 66 7p. m.

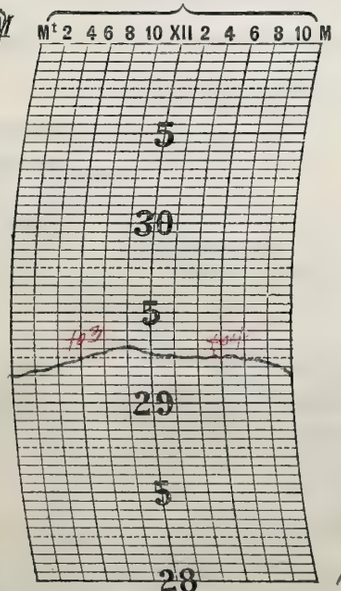
OBSERVATIONS AT ~~12 NOON.~~ 1:30 P.M.
(Local Mean Time.)

Dry temperature, 11.0 Wet temperature, 8.4
Dew-point, -4 R. humidity, 46 V. pressure, .031
Clouds: Amount, Few; Kind, St; Direction, SW
Velocity of clouds (miles per hour)

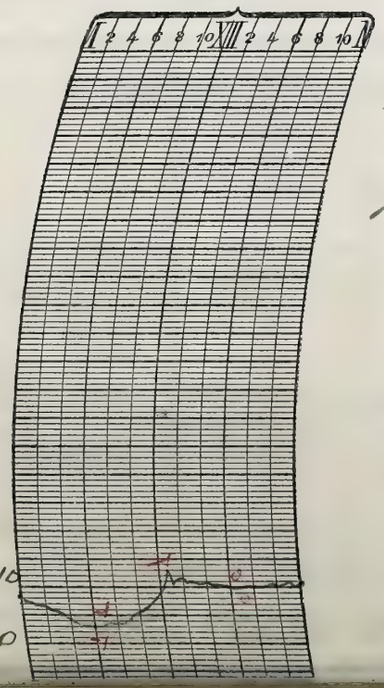
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



Prepared by C. A. Schick
Verified by P. M. Donovan

NOTES.

(Estimated.)

The day as a whole was mostly Cloudy and cold but the sunshine was pleasant and good to see after four days of dark overcast skies.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Monday, (Date) MAR 19 19??, 192

Time (local standard). 90th mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	11	11	12	13	14	18	19	20	23	24	23	22	22	19	18	16	15	13	13	12	12	11	11	11
State of weather: Nature of precipitation and time of beginning and ending			SE DNA																					
Amounts of precipitation	—	—	—																					
Cloudiness and other conditions	Cloudy												Cloudy											
Sunshine (in tenths of hours) ✓								0	0	0	0	0	0	0	0	0	0							
Wind direction ✓	SE	SE	SE	E	E	SE	SE	SE	SE	W	W	NW	NW	N	N	NE	NE	NE	NE	NE	NE	E	E	E
Wind movement ✓	4	4	4	6	5	5	3	4	3	3	3	7	15	15	11	10	9	8	7	8	9	10	11	12
Maximum velocities (exceeding 30 miles) direction and time																								

Sunrise: Time, 7:02 Character, Cloudy
Moonrise: 5:40a
Sunset: Time, 4:42 Character, Cloudy
Moonset: 3:37p

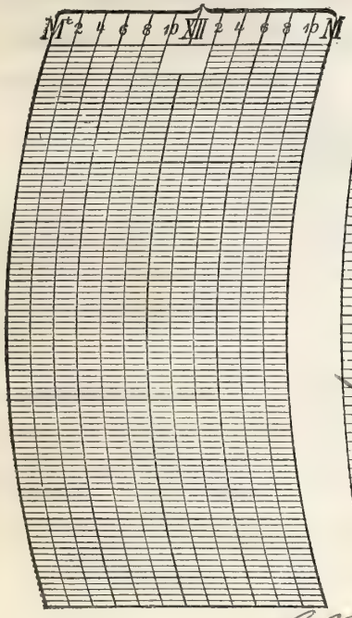
Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
25	10	18	

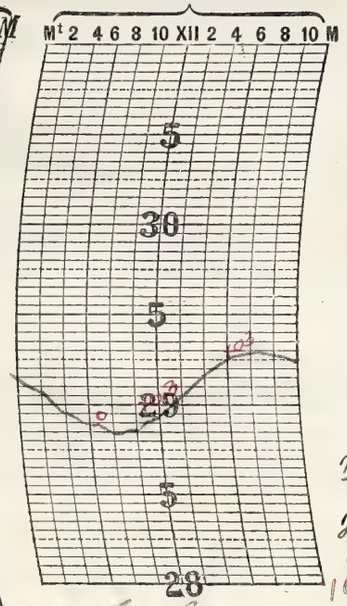
Total depth of snow for 24 hours ending 7 p. m., 1.9 inches.
Snow, sleet, and hail on ground 7 p. m., 8.4 inches.
Total snowfall, midnight to midnight, 0.9 inches.
Precipitation to 7 a. m., .16 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0.00 inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0-10), 10
Actual sunshine, hours, 0 Possible sunshine, hours, 9.7
Per cent of possible sunshine, 0
Prevailing wind direction, SE Total wind 176
Average hourly velocity, 7.3 Extreme velocity, 19
Maximum velocity, 19 Direction, NW
Time began, 12:51 pm
Reduced barometer, 29.[illegible] 7 a. m. 30.[illegible] 7 p. m.
River gage, 22 Feet
Relative humidity, 78 7 a. m. 73 7 p. m.

OBSERVATIONS AT ~~12 NOON.~~ 1238 P.M.
(Local Mean Time.)
Dry temperature, 24.0 Wet temperature, 22.0
Dew-point, 18 R. humidity, 74 V. pressure, .083
Clouds: Amount, 10; Kind, St; Direction, W
Velocity of clouds (miles per hour)

THERMOGRAPH.



BAROGRAPH.



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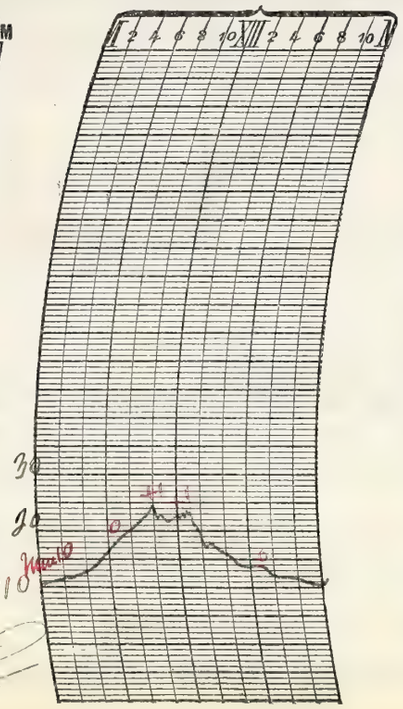


Prepared by C. A. Schick
Verified by P. M. Donovan

8—486

φ Estimated.

NOTES.

Special one pm (75th Meridian Time) observation called for by Central Office.

The day was a whole was cloudy and cold. The sky was entirely overcast with clouds throughout the forenoon and till about three o'clock in the afternoon when they commenced to dissolve but by evening the sky was as very cloudy as ever. The clouds were considerable drifting of snow during the day.

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Tuesday, (Date) JAN 1 1901, 192

Time (local standard) 90 mer. normal time.

	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	11	11	11	10	10	10	11	12	15	17	24	23
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions	Cloudy											
Sunshine (in tenths of hours)								0	0	0	0	0
Wind direction	E	E	E	E	E	E	E	E	E	SE	SE	NE
Wind movement	12	13	13	11	12	14	12	12	9	6	2	2

	P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	23	23	30	31	30	28	27	24	24	24	23	23
State of weather: Nature of precipitation and time of beginning and ending	RB 12:40						RE 6:20					
Amounts of precipitation	–	–	–	–	–	–	–					
Cloudiness and other conditions	Cloudy											
Sunshine (in tenths of hours)	0	0	0	0	0							
Wind direction	NE	NE	N	N	W	W	W	W	NW	NW	NW	W
Wind movement	3	3	3	8	12	11	11	13	15	16	10	7

Sunrise: Time, 7:01 Character, Cloudy
Moonrise: 6:20 a.
Sunset: Time, 4:43 Character, Cloudy
Moonset: 4:44

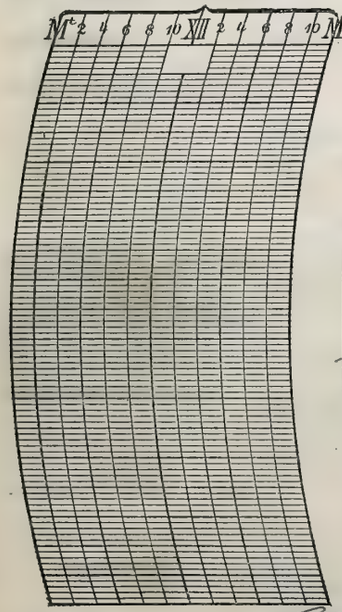
Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
31	10	20	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 8.2 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., .01 ins.
Total precipitation, midnight to midnight, .01 inches.
Character of day, Cloudy Moon phase, NEW 11:22 pm
Average daily cloudiness (0–10), 10
Actual sunshine, hours, 0 Possible sunshine, hours, 9.2
Per cent of possible sunshine, 0
Prevailing wind direction, E Total wind 235
Average hourly velocity, 9.8 Extreme velocity, 22
Maximum velocity, 19 Direction, NW
Time began, 8:58 pm
Reduced barometer, 30.03 7 a. m. 30.00 7 p. m.
River gage, 2.2 Feet
Relative humidity, 75 7 a. m. 89 7 p. m.

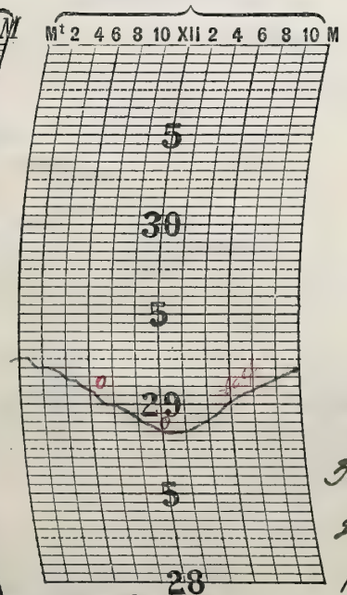
OBSERVATIONS AT ~~12 NOON~~. 12:38 PM
(Local Mean Time.)
Dry temperature, 22.8 Wet temperature, 22.0
Dew-point, 21 R. humidity, 87 V. pressure, .105
Clouds: Amount, 10; Kind, St; Direction, E
Velocity of clouds (miles per hour)

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

THERMOGRAPH.



BAROGRAPH.



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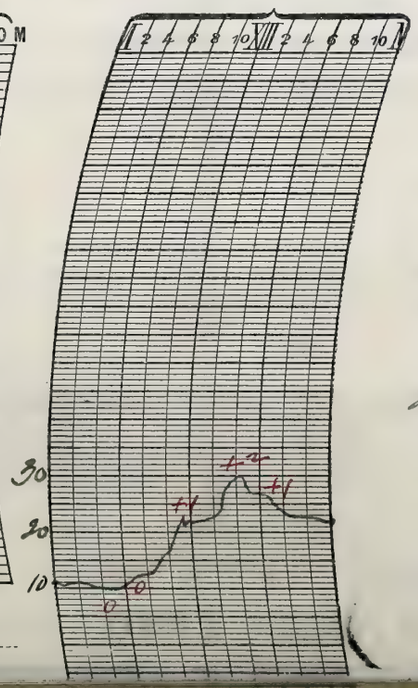


NOTES.

Special one p.m. (75th Meridian time) observation called for by the Central Office.

Dark and gloomy day necessitating the use of artificial light for the performance of indoor work. There was a fine drizzle throughout the afternoon which froze as it fell and made walking treacherous on pavements which have been cleared of snow, and women had slippery an time.

Prepared by C. C. Schick

Verified by P. M. Dorcoath

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Wednesday, (Date) JAN 31 1900, 192

Time (local standard). 90° mer. normal time.

	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	22	23	23	22	21	20	19	17	16	17	18	20
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions	Cloudy							Hazy				
Sunshine (in tenths of hours)								0	0.1	1.0	1.0	1.0
Wind direction	W	N	N	N	NE	NE	NE	NE	N	NE	NE	NE
Wind movement	5	9	6	8	10	11	9	6	8	10	10	11

Sunrise: Time, 7:01 Character, Cloudy. Moonrise: 6:55a

	P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	21	21	22	21	20	19	18	17	15	13	12	11
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions			Clear									
Sunshine (in tenths of hours)	1.0	1.0	0.9	0.1	0							
Wind direction	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE
Wind movement	11	10	11	11	6	7	7	8	7	8	7	8

Sunset: Time, 4:44 Character, Cloudy. Moonset: 5:25p

Maximum velocities (exceeding 29 miles) direction and time.

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

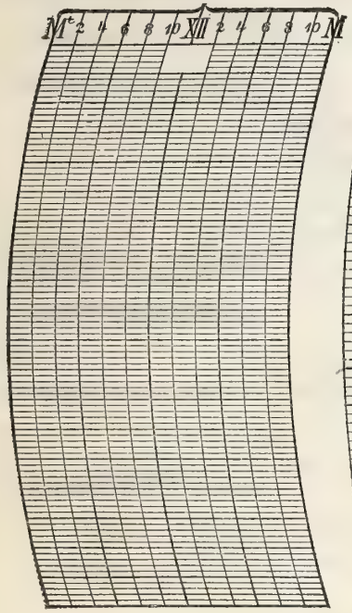
Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
23	11	17	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 2.5 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Clear Moon phase,
Average daily cloudiness (0–10), 5
Actual sunshine, hours, 6.1 Possible sunshine, hours, 9.7
Per cent of possible sunshine, 63
Prevailing wind direction, NE Total wind 204
Average hourly velocity, 8.5 Extreme velocity, 13
Maximum velocity, 13 Direction, NE
Time began, 4:52 p.m.
Reduced barometer, 30.37 7 a. m. 30.13 7 p. m.
River gage, 2.2 Feet
Relative humidity, 70% 7 a. m. 55 7 p. m.

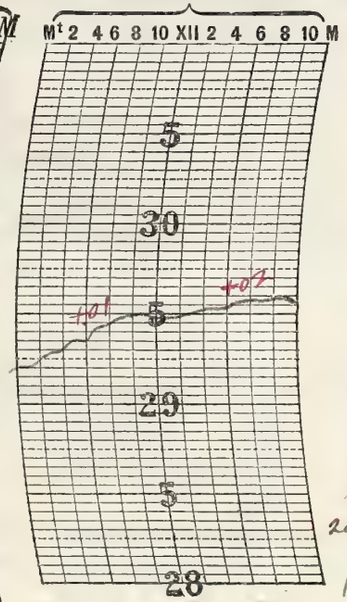
OBSERVATIONS AT ~~12 NOON~~ 1:38 P.M.
(Local Mean Time.)

Dry temperature, 20.6 Wet temperature, 18.6
Dew-point, 14 R. humidity, 71 V. pressure, .07
Clouds: Amount, 1; Kind, AST; Direction, NE
Velocity of clouds (miles per hour)

THERMOGRAPH.



BAROGRAPH.



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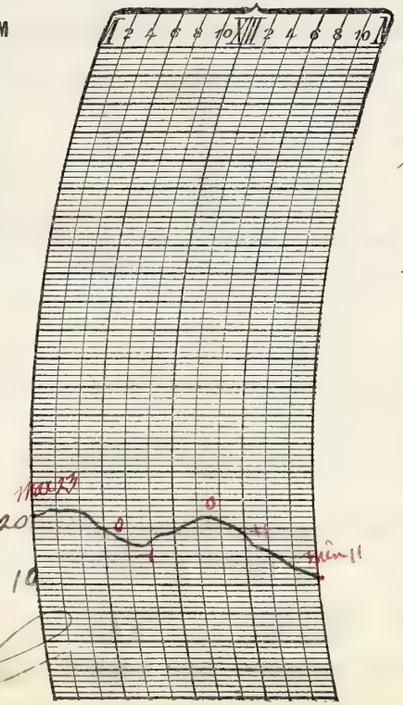


NOTES.

A clear day with low temperature light winds and an abundance of sunshine.

Considerable trouble was experienced with frozen fire mains at the fire which destroyed Phillips bridge and final knockdown can't be run

Prepared by C. E. Schenck

Verified by P. M. Donough

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Thursday, (Date) [illegible], 192

Time (local standard). 90th mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	11	10	9	8	8	7	[illegible]	8	10	12	15	17
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions				Clear						Pt Cloudy		
Sunshine (in tenths of hours)								0	0	0.3	[illegible]	[illegible]
Wind direction	NE	NE	E	NE	NE	NE	NE	NE	NE	NE	NE	NE
Wind movement	9	8	7	9	8	9	10	[illegible]	12	12	[illegible]	13

Sunrise: Time, 7:00 Character, Cloudy
Moonrise: 7:26

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	19	20	22	21	20	18	18	15	15	15	15	15
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions							Clear					?
Sunshine (in tenths of hours)	0.3	0.2	1.0	0.1	0							
Wind direction	NE	NE	NE	NE	E	E	NE	NE	NE	NE	NE	NE
Wind movement	13	12	11	9	7	8	13	11	10	11	14	13

Sunset: Time, 4:46 Character, Cloudy
Moonset: 6:36 p.m.

Maximum velocities (exceeding ____ miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

Excessive precipitation, accumulated amounts

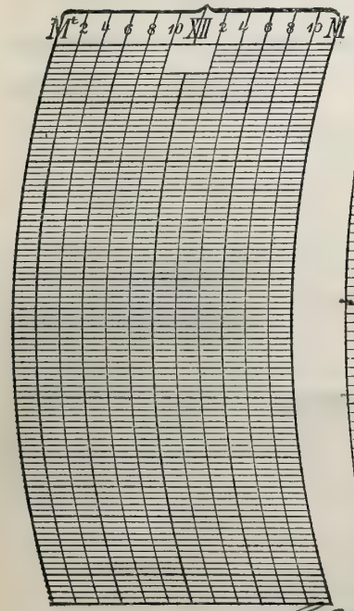
Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
22	6	14	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 2.2 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Pt Cloudy Moon phase, ____
Average daily cloudiness (0-10), 4
Actual sunshine, hours, 2.0 Possible sunshine, hours, 9.8
Per cent of possible sunshine, 20
Prevailing wind direction, NE Total wind 249
Average hourly velocity, 10.4 Extreme velocity, 18
Maximum velocity, 16 Direction, NE
Time began, 11:04 pm
Reduced barometer, 30.32 7 a. m. 30.40 7 p. m.
River gage, 2.25 ft
Relative humidity, [illegible] 7 a. m. 65 7 p. m.

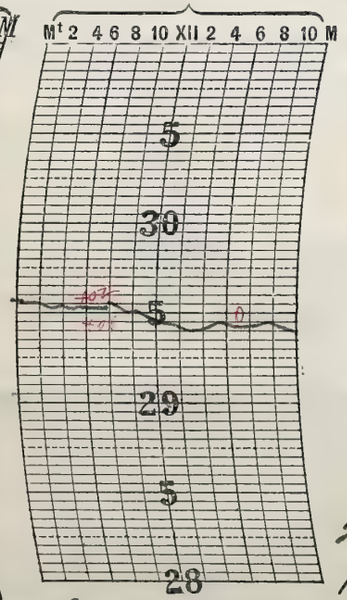
OBSERVATIONS AT ~~12 NOON~~ 1238 PM
(Local Mean Time.)

Dry temperature, 18.0 Wet temperature, 16.0
Dew-point, 10 R. humidity, 68 V. pressure, .063
Clouds: Amount, 5; Kind, ACu; Direction, W.
Velocity of clouds (miles per hour)

THERMOGRAPH.



BAROGRAPH.



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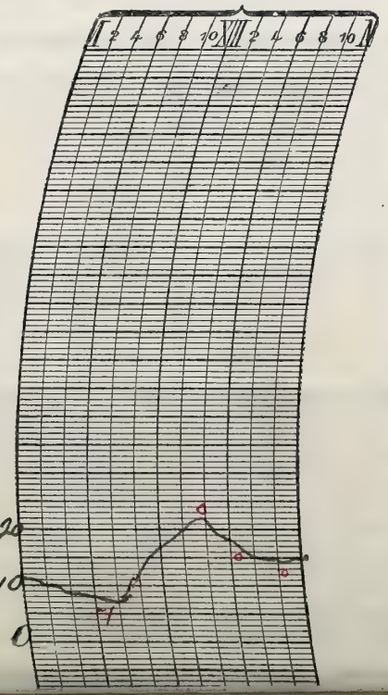


NOTES.

The day as a whole was partly cloudy and seasonal temperature with moderate amount of sunshine.

Prepared by C. A. Schulz
Verified by P. McDonough

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne Ind., (Day of week) Friday ~~Thursday~~, (Date) JAN 21 14, 192

Time (local standard). 90th mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	15	15	16	16	17	17	18	18	18	20	21	22
State of weather: Nature of precipitation and time of beginning and ending			SN B DNA									
Amounts of precipitation			—	—	—	—	—	—	—	—	—	—
Cloudiness and other conditions	?					Cloudy						
Sunshine (in tenths of hours)							0	0	0	0	0	0
Wind direction	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE
Wind movement	12	12	11	13	15	15	13	14	15	18	21	20

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	22	21	21	21	21	21	21	21	20	20	20	20
State of weather: Nature of precipitation and time of beginning and ending									SN E 8:20			
Amounts of precipitation	—	—	—	—	—	—	—	—	—			
Cloudiness and other conditions					Cloudy							
Sunshine (in tenths of hours)	0	0	0	0	0							
Wind direction	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE
Wind movement	18	18	18	17	21	19	17	16	16	16	19	17

Sunrise: Time, 6:59 Character, Cloudy
Moonrise: 7:59a

Sunset: Time, 4:47 Character, Cloudy
Moonset: 7:32p

Maximum velocities (exceeding 29 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

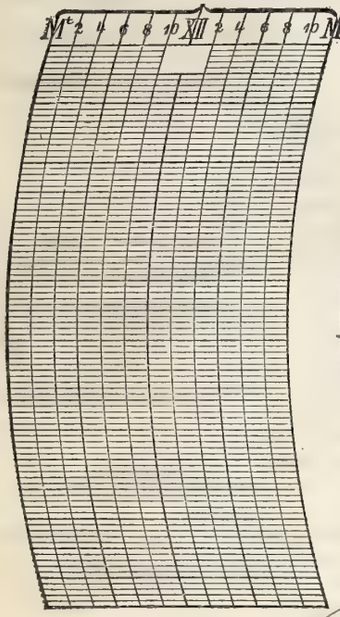
Excessive precipitation, accumulated amounts

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
22	15	18	

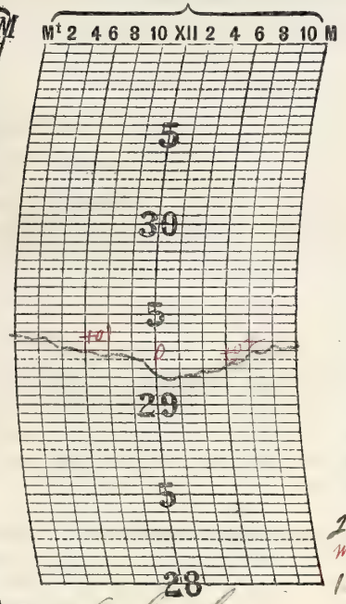
Total depth of snow for 24 hours ending 7 p. m., 1.0 inches.
Snow, sleet, and hail on ground 7 p. m., 8.0 inches.
Total snowfall, midnight to midnight, 1.1 inches.
Precipitation to 7 a. m., T ins.; to 7 p. m., .19 ins.
Total precipitation, midnight to midnight, .20 inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0-10), 10
Actual sunshine, hours, 0 Possible sunshine, hours, 9.8
Per cent of possible sunshine, 0
Prevailing wind direction, NE Total wind 391
Average hourly velocity, 16.3 Extreme velocity, 26
Maximum velocity, 26 Direction, NE
Time began, 11:44am
Reduced barometer, 30.25 7 a. m. 30.22 7 p. m.
River gage, 2.1 Feet
Relative humidity, 86 7 a. m. 89 7 p. m.

OBSERVATIONS AT ~~12 NOON~~ 12:38 PM
(Local Mean Time.)
Dry temperature, 22.0 Wet temperature, 21.0
Dew-point, 19 R. humidity, 86 V. pressure, .098
Clouds: Amount, 10; Kind, NS; Direction, NE
Velocity of clouds (miles per hour)

THERMOGRAPH.



BAROGRAPH.



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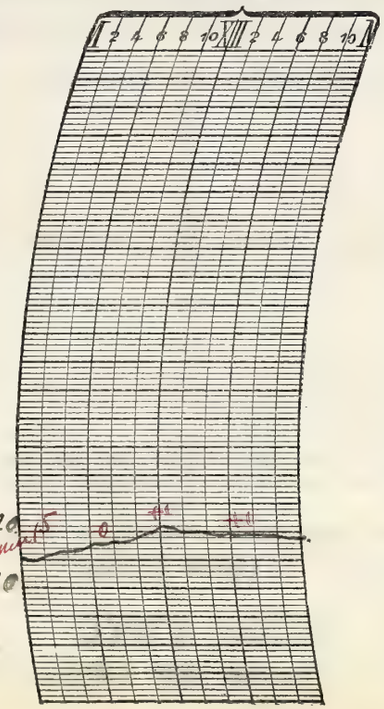


NOTES.

Special one p.m. (75th Meridian Time) observation called for by Central Office.

Heavy snow warning was received from Washington at 5:17 p.m. It was disposed by telephone to all interested parties.

A cloudy, cold and generally miserable day with moderate north to northeast winds. A fine snow though containing a large water content fell throughout the day slightly delaying steam and electric traffic.

Prepared by C. O. Schick
Verified by C. M. Donough

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Saturday, (Date) [illegible], 192

Time (local standard), 90° mer. normal time.

	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	19	18	18	18	17	17	17	16	15	16	17	18
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions	← Cloudy											→
Sunshine (in tenths of hours)							0	0	0	0	0	1.0
Wind direction	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE
Wind movement	18	16	16	15	15	16	16	16	16	14	15	13

	P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	19	18	18	17	14	13	12	9	8	6	5	4
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions	→ Pt. Cloudy			→			Clear					→
Sunshine (in tenths of hours)	0.9	0.8	0.4	0.2	0							
Wind direction	NE	N	N	N	N	N	N	N	N	N	N	N
Wind movement	11	8	10	8	8	6	7	6	5	6	5	5

Sunrise: Time, 6:59; Character, Cloudy. Moonrise: 8:29a

Sunset: Time, 4:48; Character, Cloudy. Moonset: 8:43p

Maximum velocities (exceeding 29 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

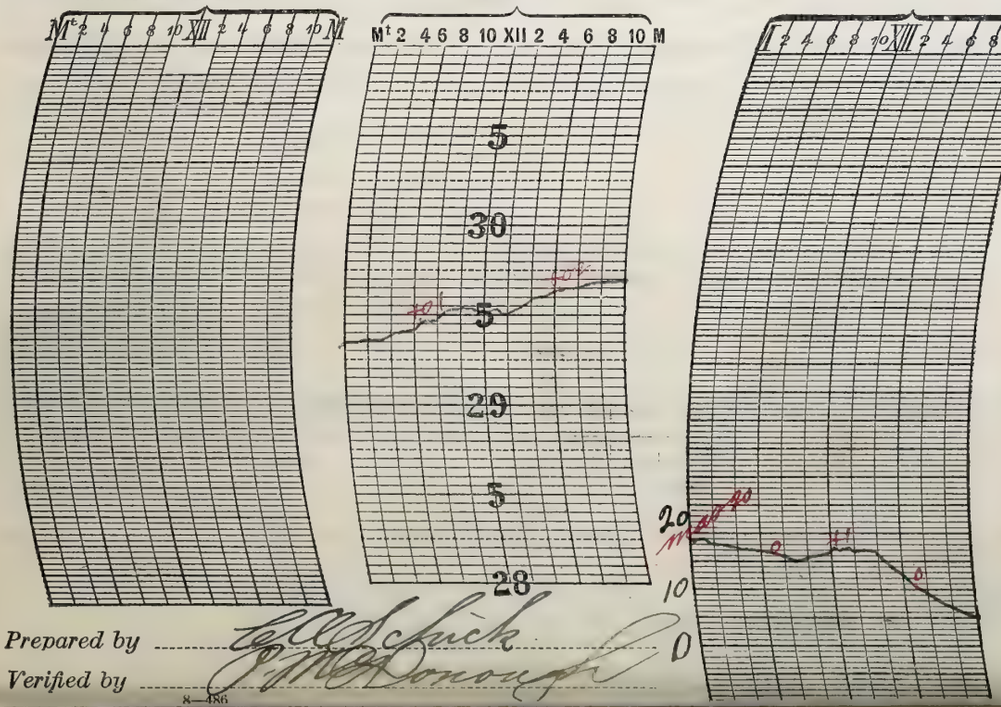
Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
20	4	12	

Total depth of snow for 24 hours ending 7 p. m., 0.1 inches.
Snow, sleet, and hail on ground 7 p. m., 2.8 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., .01 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Pt. Cloudy. Moon phase,
Average daily cloudiness (0–10), 7
Actual sunshine, hours, 3.3. Possible sunshine, hours, 9.8
Per cent of possible sunshine, 34
Prevailing wind direction, NE. Total wind 271
Average hourly velocity, 11.3. Extreme velocity, 21
Maximum velocity, 20. Direction, NE
Time began, 12:47 am
Reduced barometer, 30.43 7 a. m. 30.65 7 p. m.
River gage, 21 Feet.
Relative humidity, 87 7 a. m. 72 7 p. m.

OBSERVATIONS AT ~~12 NOON.~~ 12:38 PM (Local Mean Time.)

Dry temperature, 18.2. Wet temperature, 16.4
Dew-point, 11. R. humidity, 72. V. pressure, .066
Clouds: Amount, 5; Kind, Ast.; Direction, N.
Velocity of clouds (miles per hour)

THERMOGRAPH. BAROGRAPH. THERMOGRAPH.



NOTES.

The day was partly cloudy and cold and a typical winter day.

Prepared by C. C. Schick

Verified by P. M. Donough

8—486

FORM NO. 1017—MOD. R

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Sunday, (Date) JAN 1 [illegible], 192

Time (local standard). 90th mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	4	3	2	1	1	0	0	-1	2	4	8	9
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions	← Clear											
Sunrise: Time, Character, 6:58 Cloudy												
Moonrise: 8:59a												
Sunshine (in tenths of hours)							0	0 (0.5)	0.3	1.0	1.0	1.0
Wind direction	N	N	N	NE	NE	NE	E	E	E	E	E	E
Wind movement	6	6	4	7	6	4	5	5	7	8	7	6

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	10	12	12	11	10	9	9	6	6	6	5	3
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions	Clear →											
Sunset: Time, Character, 4:49 Clear												
Moonset: 9:48p												
Sunshine (in tenths of hours)	1.0	1.0	1.0	0.9 (0.1)	0 (0.2)							
Wind direction	E	E	E	E	E	NE	NE	E	E	E	E	E
Wind movement	6	8	7	9	7	8	9	11	10	6	6	6

Maximum velocities (exceeding 29 miles) direction and time.

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

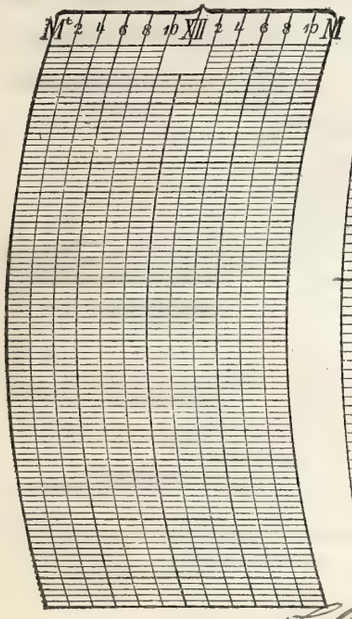
Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
12	-1	6	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 7.6 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Clear Moon phase,
Average daily cloudiness (0-10), 1
Actual sunshine, hours, 9.3 Possible sunshine, hours, 9.8
Per cent of possible sunshine, 95
Prevailing wind direction, E Total wind 16 m
Average hourly velocity, 6.8 Extreme velocity, 14
Maximum velocity, 13 Direction, E
Time began, 7:48pm
Reduced barometer, 30.27 7 a. m. 30.22 7 p. m.
River gage, 2.1 Feet
Relative humidity, 61 7 a. m. 69 7 p. m.

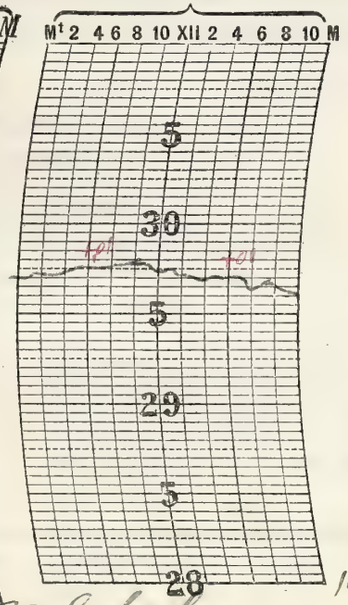
OBSERVATIONS AT ~~12 NOON~~. 12:38 P.M.
(Local Mean Time.)

Dry temperature, 10.0 Wet temperature, 8.7
Dew-point, 4 R. humidity, 72 V. pressure, .047
Clouds: Amount, 1; Kind, St; Direction, E
Velocity of clouds (miles per hour)

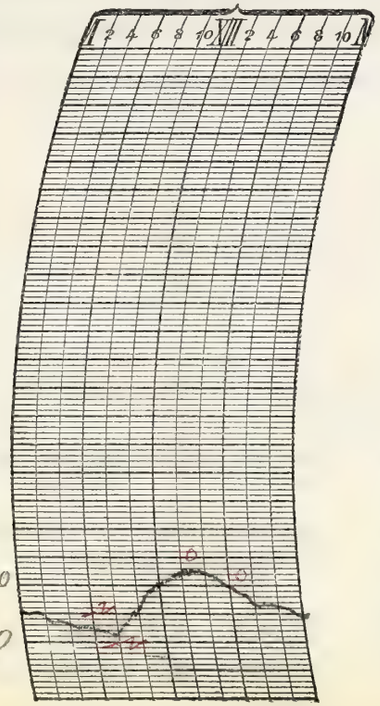
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



Prepared by C. A. Schuck
Verified by T. M. Donnegh

8—486

S.S from 7:30

NOTES.

A clear and cold day with an abundance of sunshine

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Monday, (Date) JAN 11 1909, 192

Time (local standard). 90th mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	3	2	3	3	2	1	2	5	11	18	25	28
Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions	Clear											
Sunshine (in tenths of hours)							0.5 0	1.0 0	0	0.2	0.9	1.0
Wind direction	E	E	E	E	E	SE	E	E	E	SE	S	S
Wind movement	7	7	7	6	5	6	3	4	3	6	8	10

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	33	36	38	37	34	32	[illegible]	31	30	30	30	30
Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions	Cloudy							Clear				
Sunshine (in tenths of hours)	1.0	1.0	1.0	0.7								
Wind direction	S	S	S	S	S	S	SW	SW	SW	SW	SW	SW
Wind movement	13	12	13	13	12	13	11	13	12	13	13	13

State of weather.

Sunrise: Time, 6:57 Character, Clear

Moonrise: 9:30a

Sunset: Time, 4:51 Character, Cloudy

Moonset: 10:54p

Maximum velocities (exceeding 29 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
38	1	20	

Total depth of snow for 24 hours ending 7 p. m., 6 inches.

Snow, sleet, and hail on ground 7 p. m., 7 inches.

Total snowfall, midnight to midnight, 6 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Clear Moon phase,

Average daily cloudiness (0-10),

Actual sunshine, hours, 9.0 Possible sunshine, hours, 9.9

Per cent of possible sunshine, 91

Prevailing wind direction, E.S.S. Total wind 243

Average hourly velocity, 9.3 Extreme velocity, 18

Maximum velocity, 16 Direction,

Time began, 12:06 p

Reduced barometer, 30.46 7 a. m. 30.21 7 p. m.

River gage, 21 Feet

Relative humidity, 76 7 a. m. 97 7 p. m.

OBSERVATIONS AT ~~12 NOON~~. 1238 P.M. (Local Mean Time.)

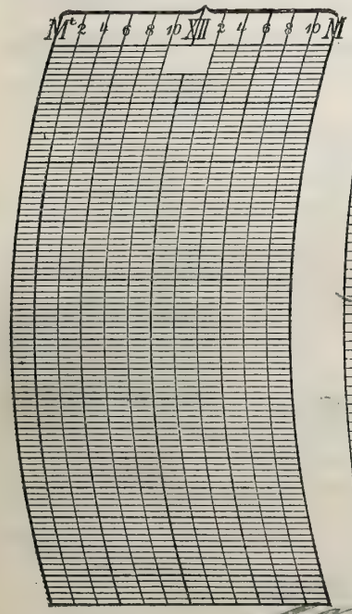
Dry temperature, 29.6 Wet temperature, 25.6

Dew-point, 18 R. humidity, 52 V. pressure, .093

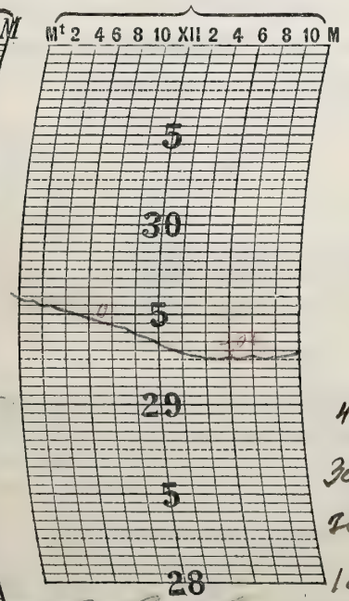
Clouds: Amount, 1; Kind, Ast; Direction, W

Velocity of clouds (miles per hour)

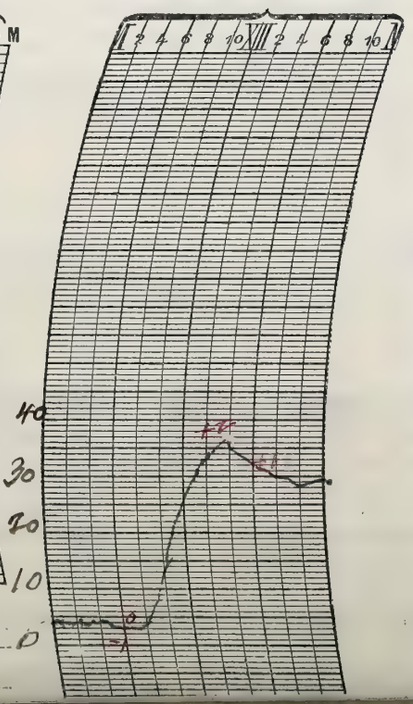
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

The day as a whole was clear. Temperature in the early morning rose exceptionally fast but rose rapidly during the forenoon passing the freezing point early in the afternoon causing the snow and ice on the ground to thaw and melt rather rapidly.

Prepared by C. C. Schick

Verified by J. M. Donough

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne Ind, (Day of week) Tuesday, (Date) JAN 27 1931, 192

Time (local standard). 90 mer. normal time.

	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	29	29	29	29	31	33	[illegible]	33	34	34	35	35
State of weather. Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions	Cloudy											
Sunrise: Time, Character,	6:56a Cloudy											
Moonrise:	10:04a											
Sunshine (in tenths of hours)							0	0	0	0	0	
Wind direction	SW	SW	SW	SW	SW	SW	W	W	W	W	W	NW
Wind movement	9	9	10	10	9	11	8	5	5	5	4	5
Maximum velocities (exceeding 25 miles) direction and time												

	P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	35	25	35	35	33	30	[illegible]	28	27	25	23	23
State of weather. Nature of precipitation and time of beginning and ending	S^th B S^th E 12:34 1:4											
Amounts of precipitation												
Cloudiness and other conditions	Cloudy											?
Sunset: Time, Character,									4:54 Cloudy			
Moonset:									—			
Sunshine (in tenths of hours)	0	0	0	0	0							
Wind direction	NW	NW	N	NW	NW	N	N	N	N	N	N	N
Wind movement	5	6	5	6	9	9	9	11	9	11	11	7
Maximum velocities (exceeding 25 miles) direction and time												

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
36	23	30	

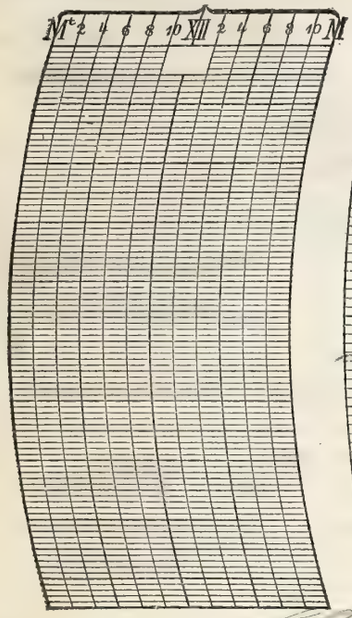
Total depth of snow for 24 hours ending 7 p. m., T inches.
Snow, sleet, and hail on ground 7 p. m., 6.3 inches.
Total snowfall, midnight to midnight, T inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., T ins.
Total precipitation, midnight to midnight, T inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0-10),
Actual sunshine, hours, 0 Possible sunshine, hours, 9.9
Per cent of possible sunshine, 0
Prevailing wind direction, N Total wind 191
Average hourly velocity, 8.0 Extreme velocity, 13
Maximum velocity, 15 Direction, N
Time began, 10:05 pm
Reduced barometer, 30.24 7 a. m. 30.39 7 p. m.
River gage, 2.1 Feet.
Relative humidity, 86 7 a. m. 77 7 p. m.

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

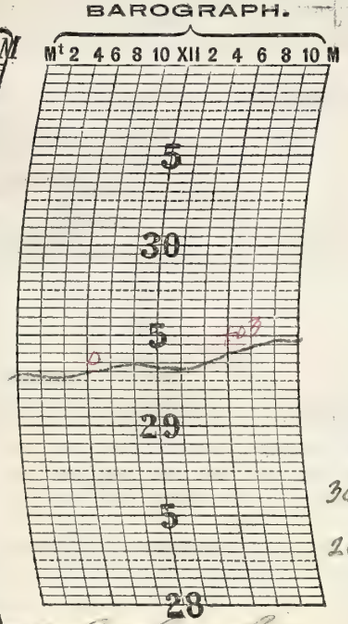
OBSERVATIONS AT ~~12 NOON~~ 12:38 P.M.
(Local Mean Time.)

Dry temperature, 35.2 Wet temperature, 32.2
Dew-point, 28 R. humidity, 77 V. pressure, .150
Clouds: Amount, 10; Kind, St; Direction, NW
Velocity of clouds (miles per hour)

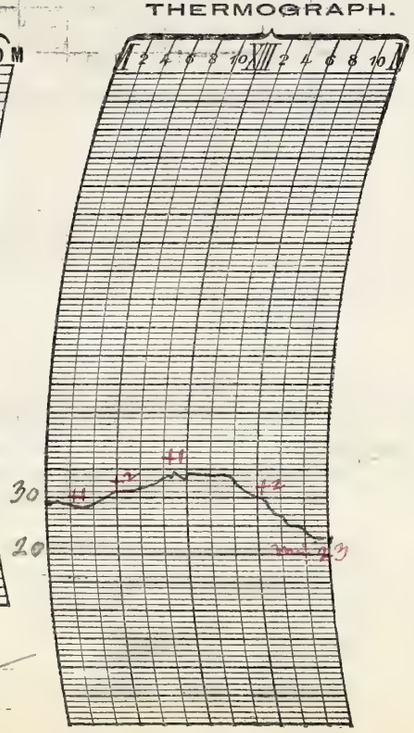
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

A cloudy day with moderate temperatures which caused considerable thawing making the sidewalks and streets very slippery.

Prepared by C. M. Schaefer

Verified by P. M. Donough

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Wednesday, (Date) JAN. 13, 192

Time (local standard). 90th mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	22	21	18	16	13	11	[illegible]	10	14	15	17	18
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions	Clear											
Sunrise: Time, Character,	6:55 Clear											
Moonrise:	10:42											
Sunshine (in tenths of hours)							.08	1.0	0.8			
Wind direction	NW	NW	NW	NW	NW	N	N	N	[illegible]	[illegible]	NE	[illegible]
Wind movement	7	8	9	8	5	6	4	6	6	6	7	6

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	19	19	19	19	19	18	18	17	16	16	15	12
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions	Clear											
Sunset: Time, Character,									4:53 Clear			
Moonset:									12:24 AM			
Sunshine (in tenths of hours)	1.0	1.0	0.2	1.0	.88							
Wind direction	NE	NE	NE	E	E	E	E	E	E	SE	SE	SE
Wind movement	7	5	7	5	4	4	3	4	4	6	3	3

Maximum velocities (exceeding 25 miles) direction and time

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
23	10	16	

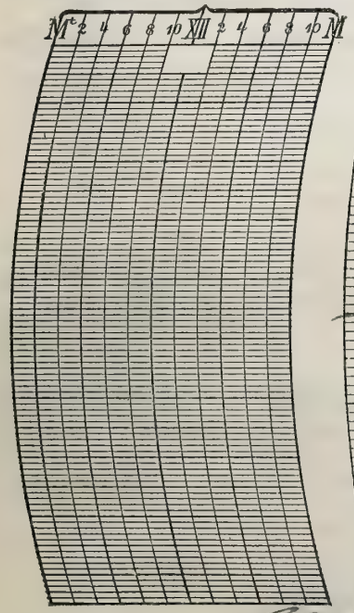
Total depth of snow for 24 hours ending 7 p. m., ____ inches.
Snow, sleet, and hail on ground 7 p. m., 5 inches.
Total snowfall, midnight to midnight, 6 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Clear Moon phase, F.Q. 9:38 a.m.
Average daily cloudiness (0-10), 2
Actual sunshine, hours, 9.2 Possible sunshine, hours, 10.0
Per cent of possible sunshine, 92
Prevailing wind direction, E Total wind 133
Average hourly velocity, 5.5 Extreme velocity, 12
Maximum velocity, 12 Direction, NW
Time began, 12:10 a.m.
Reduced barometer, 30.63 7 a. m. 30.09 7 p. m.
River gage, 2.1 Fear.
Relative humidity, 75 7 a. m. 72 7 p. m.

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

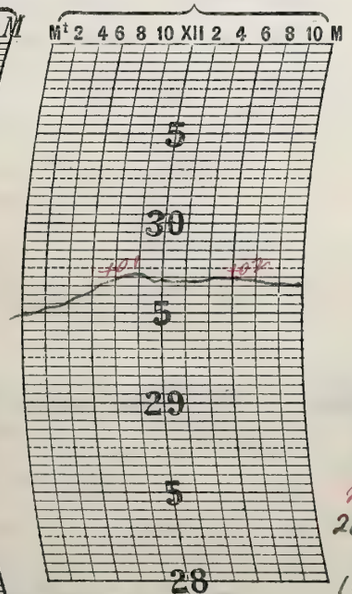
Excessive precipitation, accumulated amounts

OBSERVATIONS AT ~~12 NOON~~. 12:38 P.M.
(Local Mean Time.)
Dry temperature, 18.0 Wet temperature, 15.0
Dew-point, 5 R. humidity, 53 V. pressure, .049
Clouds: Amount, 0; Kind, 0; Direction, 0
Velocity of clouds (miles per hour)

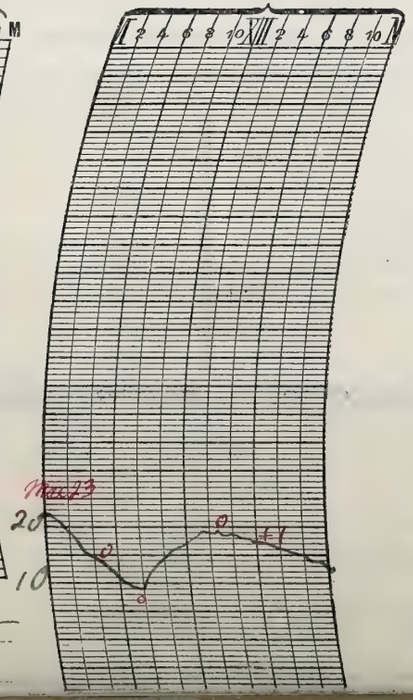
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

A clear cold day with the abundance of sunshine causing the thawing of snow and ice

Prepared by E. A. Schuck
Verified by P. McDonough

Form No. 1014—Mcu 1.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Thursday, (Date) [illegible], 192

Time (local standard). 90° mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	12	11	10	10	11	13	12	12	17	23	28	32
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions	← Clear											
Sunrise: Time, Character, 6:55 Clear												
Moonrise: 11:25a												
Sunshine (in tenths of hours)							.08	1.0	1.0	1.0		
Wind direction	E	E	E	SE	SE	S	S	SW	S	SW	SW	SW
Wind movement	3	3	4	3	2	5	9	7	11	12	12	12
Maximum velocities (exceeding 22 miles) direction and time												

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	34	35	36	35	34	33	33	31	31	31	32	31
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions	Clear →											
Sunset: Time, Character, 4:57 Clear												
Moonset: 1:10a												
Sunshine (in tenths of hours)	1.0	1.0	0	0	.40							
Wind direction	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW
Wind movement	11	10	12	15	13	12	13	13	13	13	14	14
Maximum velocities (exceeding 22 miles) direction and time												

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
38	10	24	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 40 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Clear Moon phase,
Average daily cloudiness (0-10), 1
Actual sunshine, hours, 10.0 Possible sunshine, hours, 10.0
Per cent of possible sunshine, 100
Prevailing wind direction, SW Total wind 234
Average hourly velocity, 9.8 Extreme velocity, 18
Maximum velocity, 18 Direction, SW
Time began, 3:39 P.M.
Reduced barometer, 30.55 7 a. m. 30.30 7 p. m.
River gage, 2.0 feet
Relative humidity, 84 7 a. m. 66 7 p. m.

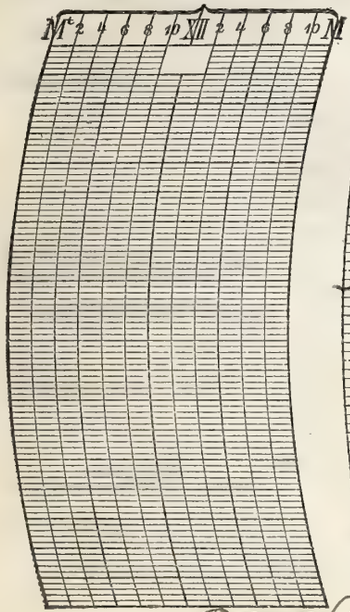
Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

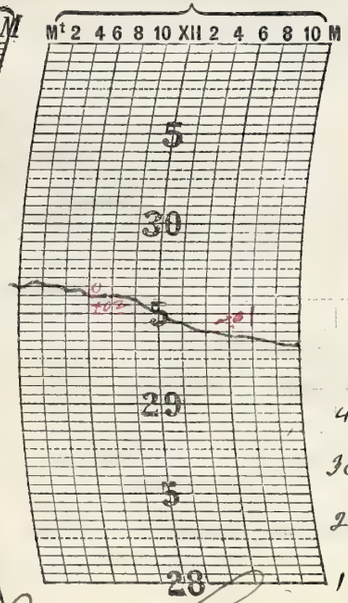
OBSERVATIONS AT 12 NOON. 12:38 P.M.
(Local Mean Time.)

Dry temperature, 34.6 Wet temperature, 29.0
Dew-point, 19 R. humidity, 49 V. pressure, .095
Clouds: Amount, 2; Kind, Ast; Direction, E
Velocity of clouds (miles per hour)

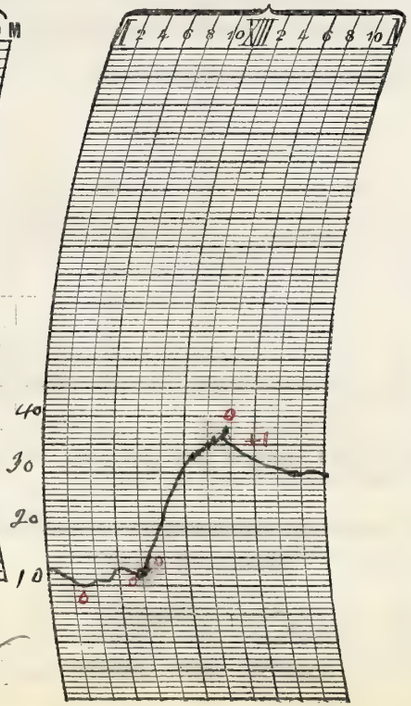
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



Prepared by P. McDonough
Verified by P. McDonough

8—486

NOTES.

*Partly from eve. obs.

Clear with moderate temperature except cold in the early morning, some sidewalks and streets are coated and slippery. Streets somewhat slushy as a result of moderate thawing.

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Friday, (Date) January 30, 1920

Time (local standard) 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	28	28	28	27	28	29	29	29	32	32	32	34	35	35	34	34	31	29	26	25	23	21	18	17
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions			L								Clear						x Pc		x Cloudy					
Sunshine (in tenths of hours)							.10 0	.07 .03	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.2							
Wind direction	SW	SW	SW	SW	SW	SW	SW	W	W	W	N	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE
Wind movement	13	11	11	11	12	11	7	6	4	4	5	8	10	13	15	15	18	17	21	20	20	20	19	16

Sunrise: Time, 6:54; Character, Clear. Moonrise: 12:06 pm

Sunset: Time, 4:55; Character, Cloudy. Moonset: 2:16 am

Maximum velocities (exceeding 19 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
37	17	27	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow, sleet, and hail on ground 7 p. m., 3.5 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Clear Moon phase,

Average daily cloudiness (0-10), 1

Actual sunshine, hours, 9.3 Possible sunshine, hours, 10.0

Per cent of possible sunshine, 93

Prevailing wind direction, NE Total wind 307

Average hourly velocity, 12.8 Extreme velocity, 30

Maximum velocity, 27 Direction, NE

Time began, 9:45 pm

Reduced barometer, 30.24 a. m. 30.45 p. m.

River gage, 2.0

Relative humidity, 73 a. m. 69 p. m.

OBSERVATIONS AT ~~12 NOON.~~ 12:38 p m
(Local Mean Time.)

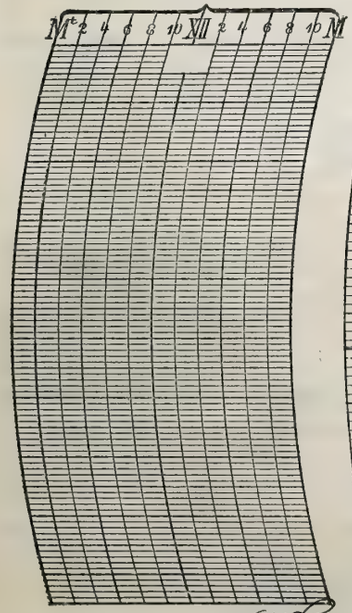
Dry temperature, 37.0 Wet temperature, 33.0

Dew-point, 27 R. humidity, 66 V. pressure, .143

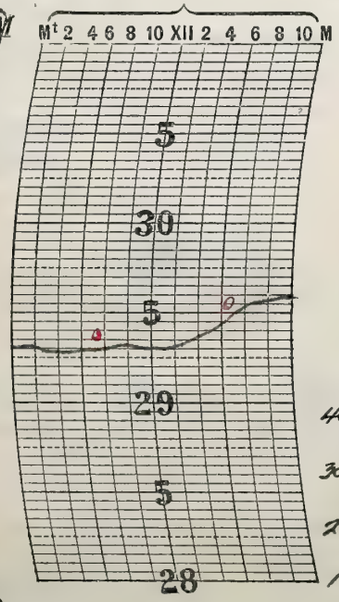
Clouds: Amount, 0; Kind, 0; Direction, 0

Velocity of clouds (miles per hour)

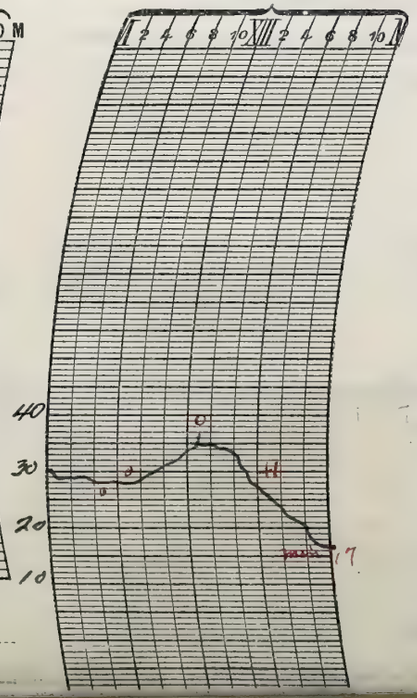
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

Prepared by AWP

Verified by P. McDonough

FORM NO. 1012—MOD. 1.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind, (Day of week) Saturday, (Date) January 31, 1920.

Time (local standard). 90 mer. normal time

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	16	12	8	5	5	2	0	0	1	2	6	7	9	11	11	10	9	8	6	6	6	4	4	4
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions						←				Clear											→			
Sunshine (in tenths of hours)							.12 0	.03 0.7	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	.45 0.5							
Wind direction	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE
Wind movement	16	17	19	19	17	19	17	17	19	21	22	21	20	20	20	19	17	15	14	16	13	12	11	11
Maximum velocities (exceeding 29 miles) direction and time																								

Sunrise: Time, 6:53 Character, clear
Moonrise: 1:14 Pm
Sunset: Time, 4:57 Character, clear
Moonset: 9:20 am

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

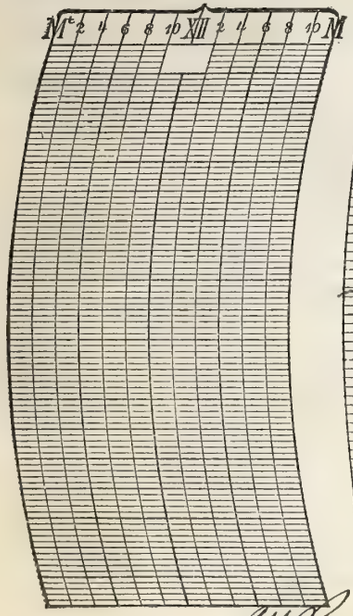
Excessive precipitation, accumulated amounts

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
17	0	8	

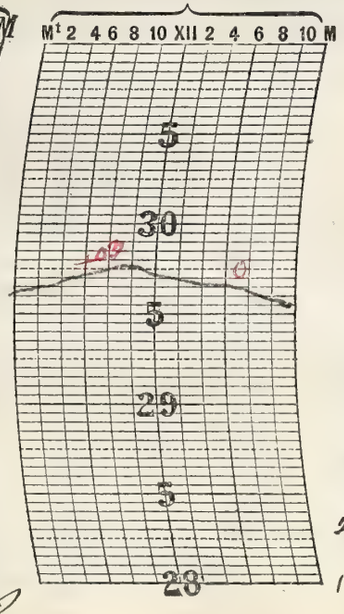
Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 3.4 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Clear Moon phase,
Average daily cloudiness (0-10), Few
Actual sunshine, hours, 10.1 Possible sunshine, hours, 10.1
Per cent of possible sunshine, 100
Prevailing wind direction, NE Total wind 412
Average hourly velocity, 17.2 Extreme velocity, 27
Maximum velocity, 2.5 Direction, NE
Time began, 10:26 am
Reduced barometer, 30.74 a. m. 30.64 p. m.
River gage, 2.1
Relative humidity, 87 a. m. 80 p. m.

OBSERVATIONS AT ~~12 NOON~~. 12:38 PM.
(Local Mean Time.)
Dry temperature, 7.2 Wet temperature, 6.6
Dew-point, 4 R. humidity, 85 V. pressure, .047
Clouds: Amount, 0; Kind, 0; Direction, 0
Velocity of clouds (miles per hour) —

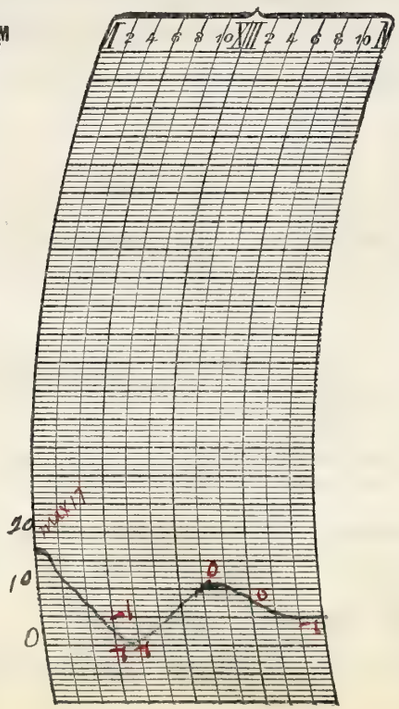
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

Only a few stratus clouds noticed today, and they did not obscure the sun.

A cold wave without warning occurred between 7 am of the 30th and 7 am the date; the temperature fell 29°.

Prepared by MWP
Verified by P. McDonough

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Sunday, (Date) FEB 1 1920, 192

Time (local standard). 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	4	4	5	6	6	6	6	6	10	14	20	25
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions										Clear		
Sunrise: Time, Character,	6:52 Cloudy											
Moonrise:	2:19 pm											
Sunshine (in tenths of hours)									0.9	1.0	1.0	1.0
Wind direction	NE	NE	NE	NE	NE	NE	NE	NE	E	E	SW	SW
Wind movement	10	9	8	7	6	6	5	5	3	3	5	8
Maximum velocities (exceeding 29 miles) direction and time												

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	31	34	37	39	38	38	38	37	37	37	36	35
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions					Pc	Clear						
Sunset: Time, Character,									4:58 Cloudy			
Moonset:									4:19 am			
Sunshine (in tenths of hours)	1.0	1.0	1.0	1.0	0.4							
Wind direction	SW	SW	SW	SW	SW	S	S	S	S	S	S	S
Wind movement	7	6	7	6	6	5	5	5	5	7	7	7
Maximum velocities (exceeding 29 miles) direction and time												

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
39	4	22	

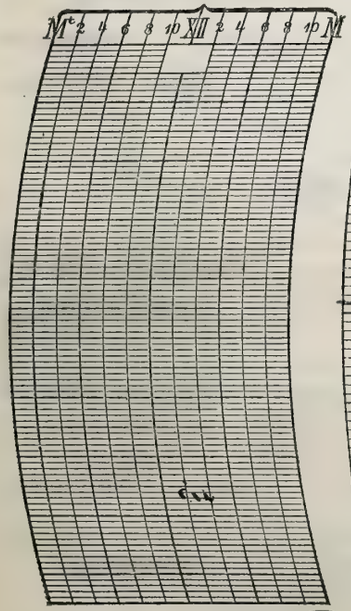
Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 3.0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Clear Moon phase,
Average daily cloudiness (0-10), 2
Actual sunshine, hours, 8.3 Possible sunshine, hours, 10.1
Per cent of possible sunshine, 82
Prevailing wind direction, NE Total wind, 148
Average hourly velocity, 6.2 Extreme velocity, 12
Maximum velocity, 12 Direction, NE
Time began, 12:18 am
Reduced barometer, 30.49 a. m. 30.43 p. m.
River gage, 2.0
Relative humidity, 85 a. m. 67 p. m.

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

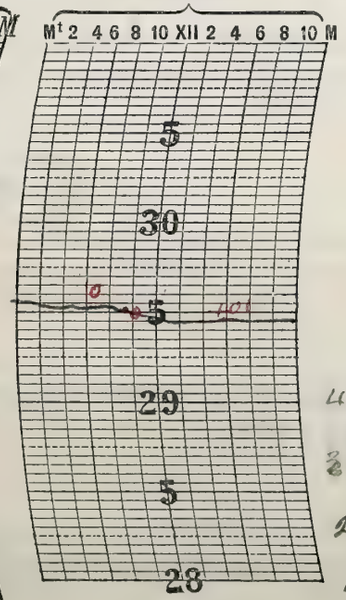
OBSERVATIONS AT ~~12 NOON~~. 12:38 P.M.
(Local Mean Time.)

Dry temperature, 27.5 Wet temperature, 25.0
Dew-point, 20 R. humidity, 70 V. pressure, .103
Clouds: Amount, 0; Kind, 0; Direction, 0
Velocity of clouds (miles per hour) —

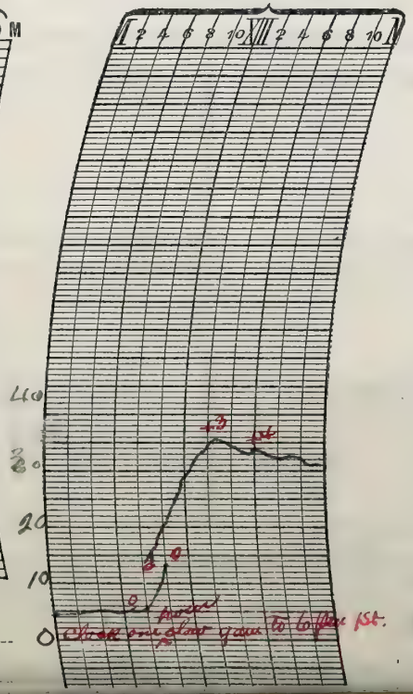
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



× Estimated. Anemometer shorted.

NOTES. Ø for 14 hours.

Morning cold but temperature rose rapidly during the day. Generally unpleasant. Air sticky due to thawing.

Prepared by AWP

Verified by P. McDonough

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) [illegible], (Day of week) Monday, (Date) FEB 2 1920, 192

Time (local standard). 90 mer. normal time

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	35	34	33	33	34	34	35	37	41	44	48	50	52	52	52	50	47	46	46	45	44	44	40	36
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions				←	Pt. Cldy						Clear							*	Pt. Cldy					
Sunrise: Time, 6:51 Character, Cloudy																					Sunset: Time, 4:59 Character, Cloudy			
Moonrise: 3:28 P.M.																					Moonset: 5:14 A.M.			
Sunshine (in tenths of hours)							0	0.6	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.6							
Wind direction	S	S	S	S	S	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW
Wind movement	x 8	x 8	x 8	x 8	x 9	x 10	x 12	x 10	10	10	13	12	14	12	12	11	9	7	5	3	2	4	3	4
Maximum velocities (exceeding 24 miles) direction and time																								

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

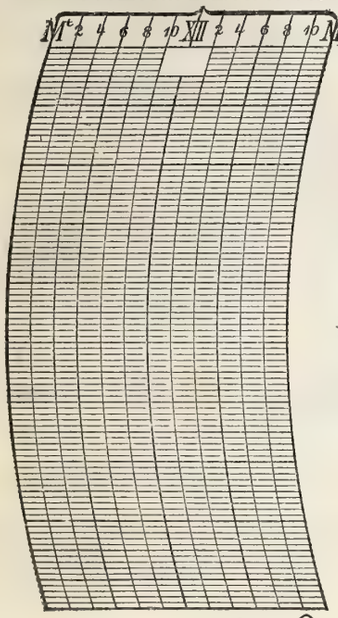
Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
52	33	42	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 2.0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Clear Moon phase,
Average daily cloudiness (0-10), 2
Actual sunshine, hours, 9.2 Possible sunshine, hours, 10.1
Per cent of possible sunshine, 91
Prevailing wind direction, SW Total wind x204
Average hourly velocity, 8.5 Extreme velocity, 16
Maximum velocity, 15 Direction, SW
Time began, 1:10 pm
Reduced barometer, 30.41 a. m. 30.44 p. m.
River gage, 2.0
Relative humidity, 82 a. m. 72 p. m.

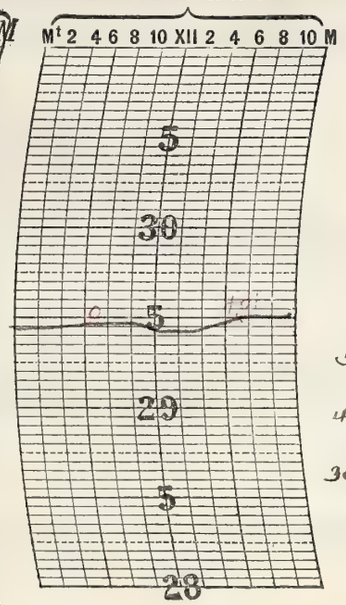
OBSERVATIONS AT ~~12 NOON.~~ 12:35 P.M.
(Local Mean Time.)

Dry temperature, 50.0 Wet temperature, 44.0
Dew-point, 37 R. humidity, 62 V. pressure, 219
Clouds: Amount, 0; Kind, 0; Direction, 0
Velocity of clouds (miles per hour) —

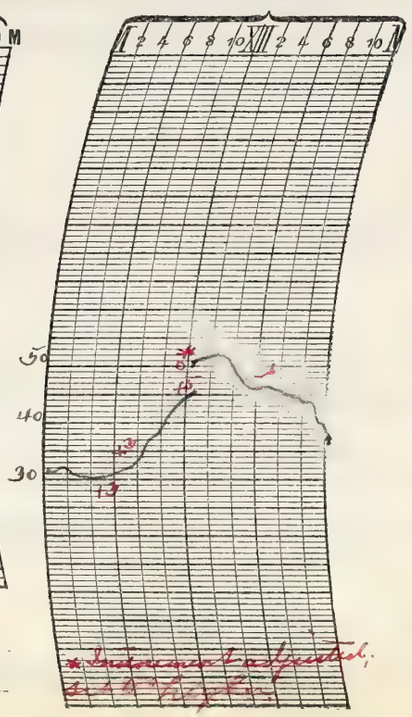
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



Prepared by AWP

Verified by C. McDonough

8—486

NOTES.

For 16 hour and 15 minutes.

x Estimated - anemometer trouble.

Although there were some clouds, the day as a whole was clear, mild temperature.

Slushy streets

* Instrument adjusted.

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Tuesday, (Date) FEB 8 1920, 192

Time (local standard). 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	35	35	36	36	36	35	34	33	33	33	32	31
Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions	Cloudy											
Sunshine (in tenths of hours)							0	0	0	0	0	0
Wind direction	N	N	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE
Wind movement	6	8	7	8	12	11	10	12	17	19	18	21
Maximum velocities (exceeding 29 miles) direction and time												

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	31	31	30	30	30	29	29	28	28	27	24	23
Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions												
Sunshine (in tenths of hours)	0	0.2	0	0	0	0						
Wind direction	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE
Wind movement	20	20	24	20	21	21	20	23	23	24	24	22
Maximum velocities (exceeding 29 miles) direction and time										30 NE 9:23	31 NE 10:49	30 NE 11:10

Sunrise: Time, 6:50 Character, Cloudy
Moonrise: 4:40 P.m.
Sunset: Time, 5:01 Character, Cloudy
Moonset: 5:57 am

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

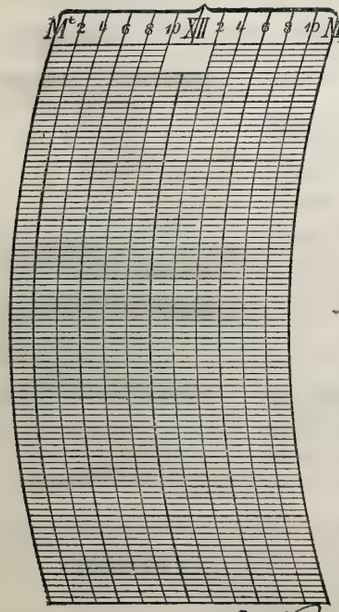
Accumulated depths during excessive rate, for consecutive periods of time indicated below.

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
36	23	3[illegible]	

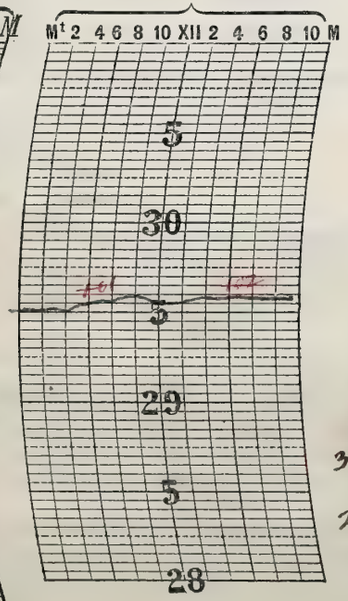
Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 2.0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0-10), 10
Actual sunshine, hours, 0.2 Possible sunshine, hours, 10.2
Per cent of possible sunshine, 2
Prevailing wind direction, NE Total wind 411
Average hourly velocity, 17.1 Extreme velocity, 33
Maximum velocity, 31 Direction, NE
Time began, 10:49 pm
Reduced barometer, 30.51 a. m. 30.57 p. m.
River gage, 2.1 ft.
Relative humidity, 90 a. m. 89 p. m.

OBSERVATIONS AT ~~12 NOON~~. 12:38 P.M.
(Local Mean Time.)
Dry temperature, 31.0 Wet temperature, 30.0
Dew-point, 29 R. humidity, 89 V. pressure, .157
Clouds: Amount, 10; Kind, St; Direction, NE
Velocity of clouds (miles per hour) —

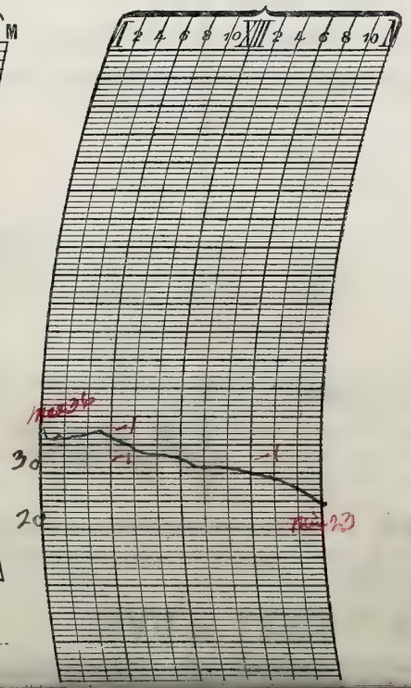
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

Cloudy with moderate temperature, some thawing.

Prepared by [illegible]
Verified by P. McDonough

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Wednesday, (Date) FEB 4 1920, 192

Time (local standard) 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	22	23	23	22	21	21	21	20	21	22	24	25	27	28	28	28	28	27	27	26	25	24	23	23
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions					Cloudy						Pt. cldy		Cldy			Cloudy				Pt. cldy				
Sunshine (in tenths of hours)							0	0	0	0.4	1.0	1.0	1.0	1.0	1.0	0.1	0	0						
Wind direction	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE
Wind movement	22	25	25	22	20	20	18	19	19	19	19	17	18	17	15	14	15	14	16	12	15	13	14	14
Maximum velocities (exceeding 29 miles) direction and time		30 NE 1:53																						

Sunrise: Time, 6:49; Character, Cloudy. Moonrise: 5:50 P.M.

Sunset: Time, 5:02; Character, Cloudy. Moonset: 6:36 am

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

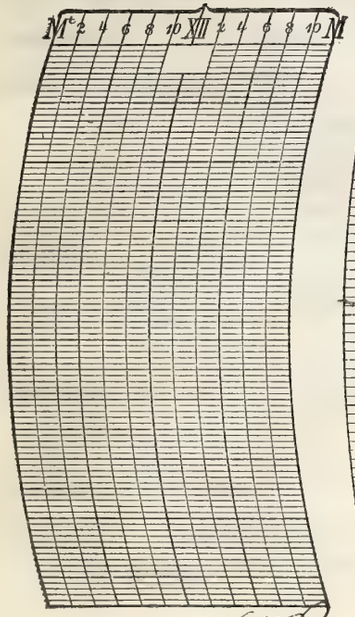
Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
28	20	24	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 2.0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Cloudy. Moon phase, full ~~moon~~ 2:42 am
Average daily cloudiness (0-10), 8
Actual sunshine, hours, 5.5 Possible sunshine, hours, 10.2
Per cent of possible sunshine, 54
Prevailing wind direction, NE Total wind 422
Average hourly velocity, 17.6 Extreme velocity, 30
Maximum velocity, 30 Direction, NE
Time began, 1:53 am
Reduced barometer, 30.56 a. m. 30.53, p. m.
River gage, 2.2 ft.
Relative humidity, 91 a. m. 83 p. m.

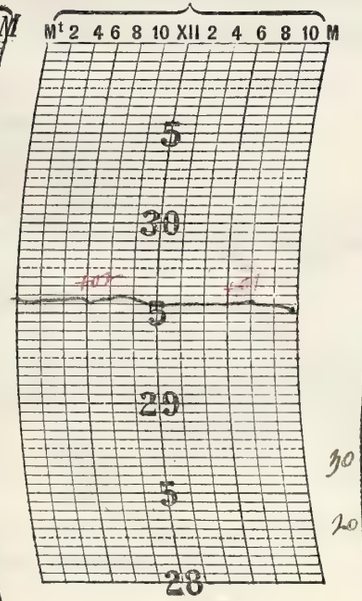
OBSERVATIONS AT ~~12 NOON~~ 12:38 P.M.
(Local Mean Time.)

Dry temperature, 25.4 Wet temperature, 23.9
Dew-point, 21 R. humidity, 81 V. pressure, 108
Clouds: Amount, 4/2; Kind, ~~Cu~~ Ast; Direction, NE
Velocity of clouds (miles per hour) —

THERMOGRAPH.



BAROGRAPH.



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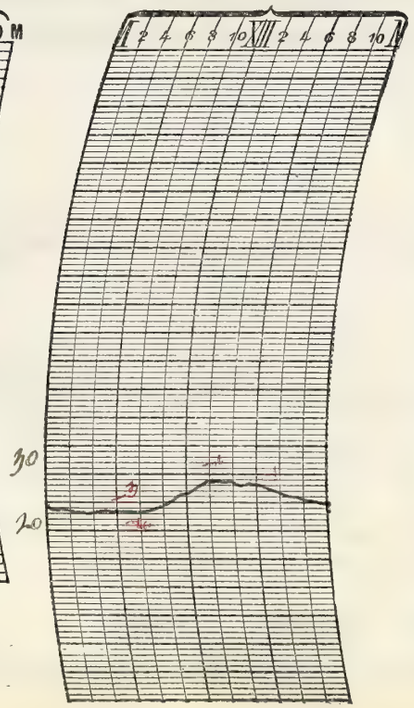


NOTES.

Moonlight in the evening through the thin clouds. Lunar corona observed at 8 30 pm

Prepared by AWP

Verified by C. McDonough

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Thursday, (Date) FEB 5 1920, 192

Time (local standard). 90 mer. normal time

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	22	23	21	21	20	21	22	22	24	26	28	30
Nature of precipitation and time of beginning and ending							Sd B 630	Sd E 8:00				
Amounts of precipitation												
Cloudiness and other conditions	← Clear							Cloudy			St	
Sunshine (in tenths of hours)							0	0	1.0	1.0	1.0	1.0
Wind direction	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE
Wind movement	13	13	12	12	13	13	11	11	10	9	9	9

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	31	31	31	32	31	30	31	30	30	30	30	31
Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions	Cldy			Cloudy						→		
Sunshine (in tenths of hours)	1.0	1.0	1.0	0.4	0	0						
Wind direction	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	N
Wind movement	7	7	6	5	6	6	6	5	3	3	4	3

State of weather.

Sunrise: Time, 6:48 Character, Cloudy

Moonrise: 6:59 P.m.

Sunset: Time, 5:03 Character, Cloudy

Moonset: 7:11 a.m.

Maximum velocities (exceeding 29 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
32	20	26	

Total depth of snow for 24 hours ending 7 p. m., T inches.

Snow, sleet, and hail on ground 7 p. m., 4.0 inches.

Total snowfall, midnight to midnight, T inches.

Precipitation to 7 a. m., T ins.; to 7 p. m., T ins.

Total precipitation, midnight to midnight, T inches.

Character of day, Cloudy Moon phase,

Average daily cloudiness (0-10), 8

Actual sunshine, hours, 7.4 Possible sunshine, hours, 10.2

Per cent of possible sunshine, 73

Prevailing wind direction, NE Total wind 196

Average hourly velocity, 8.2 Extreme velocity, 16

Maximum velocity, 16 Direction, NE

Time began, 12:25 a.m.

Reduced barometer, 30.42 7 a. m. 30.23 7, p. m.

River gage, 2.2 feet

Relative humidity, 93 a. m. 94 p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

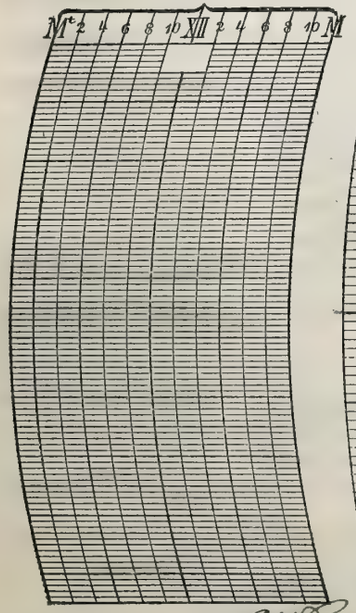
Dry temperature, 30.6 Wet temperature, 29.5

Dew-point, 28 R. humidity, 88 V. pressure, 150

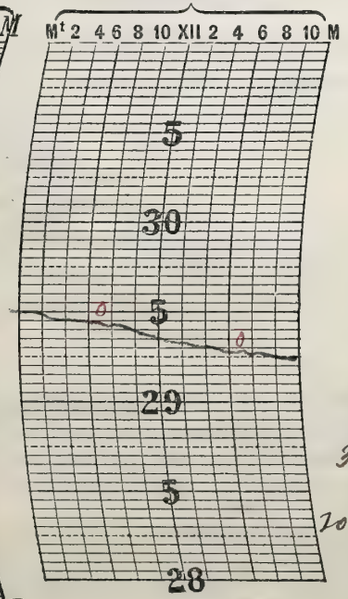
Clouds: Amount, 5; Kind, Sc cu; Direction, NE

Velocity of clouds (miles per hour)

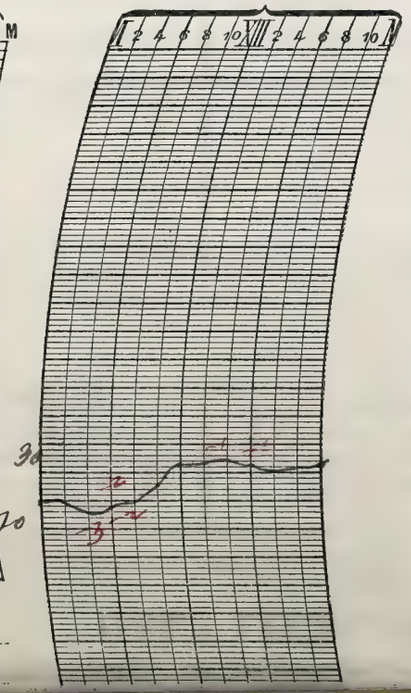
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



Prepared by AWS

Verified by P. McDonough

* Estimated

NOTES.

Moonlight through thin cirrus clouds 5 am.

Snow fell from 6 30 am to 8 00 am

Moderate temperatures.

Streets slushy.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind, (Day of week) Friday, (Date) February 6, 1920

Time (local standard). 90 mer. normal time.

	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	30	30	29	29	28	28	30	31	31	33	34	35
State of weather. Nature of precipitation and time of beginning and ending				Sl. B. D.N.		Sl. E D.N.						
Amounts of precipitation												
Cloudiness and other conditions							Cloudy					
Sunshine (in tenths of hours)							0	0	0	10	10	08
Wind direction	W	NW	N ×	N ×	NE	NE	NE	W	NW	N	NW	NW
Wind movement	4	4	5	5	5	4	3	4	4	4	3	4

	P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	36	37	36	36	36	35	35	33	33	33	32	32
State of weather. Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions						Cloudy						
Sunshine (in tenths of hours)	0	0	0	0	0	0						
Wind direction	NW	NW	SW	SW	SW	SW	W	W	W	W	W	W
Wind movement	4	4	7	6	5	5	4	4	4	4	5	4

Sunrise: Time, 6:47 Character, Cloudy

Moonrise: 8:05 P.m.

Sunset: Time, 5:04 Character, Cloudy

Moonset: 7:47 am

Maximum velocities (exceeding 24 miles) direction and time.

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
37	28	32	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow, sleet, and hail on ground 7 p. m., 0.7 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., T ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, T inches.

Character of day, Cloudy Moon phase,

Average daily cloudiness (0–10), 9

Actual sunshine, hours, 2.8 Possible sunshine, hours, 10.3

Per cent of possible sunshine, 27

Prevailing wind direction, W Total wind 105

Average hourly velocity, 4.4 Extreme velocity, 7

Maximum velocity, 7 Direction, SW

Time began, 2:22 PM

Reduced barometer, 30.13 7 a. m. 30.00 7 p. m.

River gage, 2.2

Relative humidity, 94 7 a. m. 70 7 p. m.

OBSERVATIONS AT 12 NOON. (Local Mean Time.)

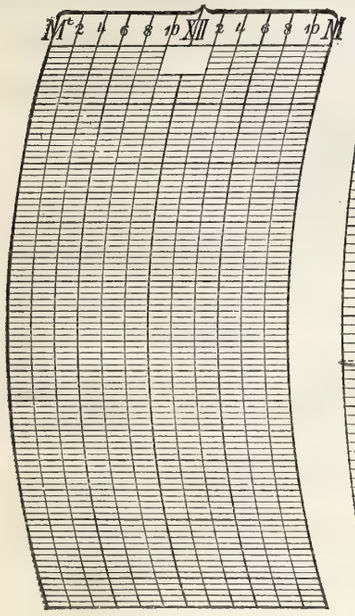
Dry temperature, 35.0 Wet temperature, 33.0

Dew-point, 30 R. humidity, 82 V. pressure, .164

Clouds: Amount, 10; Kind, Strat.; Direction, N.

Velocity of clouds (miles per hour)

THERMOGRAPH.



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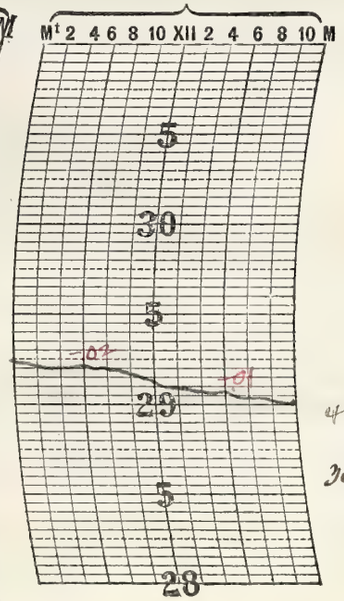
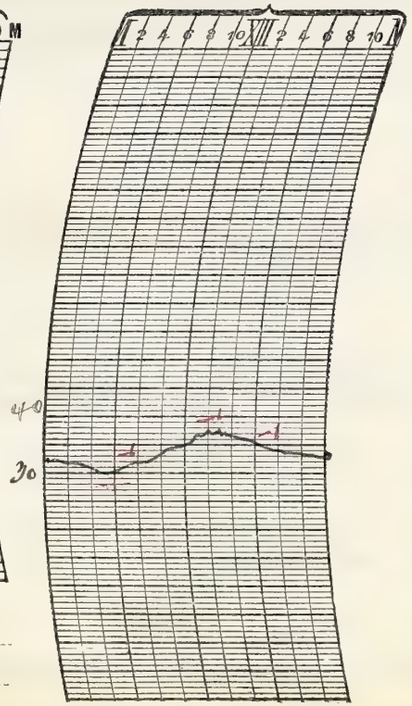


THERMOGRAPH.



NOTES.

× Estimated.

Light sleet began and ended D.N. a; amount, trace.

Cloudy with moderate temperature.

Streets slushy due to thawing.

Prepared by

Verified by P. McDonough

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Saturday, (Date) February 7, 1920

Time (local standard). 90th mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	31	31	31	31	32	32	32	31	32	33	32	34
Nature of precipitation and time of beginning and ending				5m BYE H.N.								5m B. 11.00
Amounts of precipitation												
Cloudiness and other conditions												
Sunshine (in tenths of hours)							0	0	0	0	0	0
Wind direction	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW
Wind movement	4	5	4	5	4	4	5	5	4	5	6	6

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	35	35	35	35	34	32	33	33	34	34	33	32
Nature of precipitation and time of beginning and ending	5m E 12.30											
Amounts of precipitation												
Cloudiness and other conditions	Cloudy											
Sunshine (in tenths of hours)	0	0	0	0	0	0						
Wind direction	NW	NW	NW	NW	N	N	N	NW	NW	NW	NW	NW
Wind movement	6	6	7	7	7	5	5	5	6	6	6	6

Sunrise: Time, 6.45; Character, Cloudy

Moonrise: 9:10 P.M.

Sunset: Time, 5.05; Character, Cloudy

Moonset: 8.13 a.m.

Maximum velocities (exceeding 25 miles) direction and time.

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

Excessive precipitation, accumulated amounts

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
35	31	33	

Total depth of snow for 24 hours ending 7 p. m., 0.1 inches.

Snow, sleet, and hail on ground 7 p. m., 0.4 inches.

Total snowfall, midnight to midnight, 0.1 inches.

Precipitation to 7 a. m., 0.1 ins.; to 7 p. m., T ins.

Total precipitation, midnight to midnight, 0.1 inches.

Character of day, Cloudy Moon phase,

Average daily cloudiness (0-10), 10

Actual sunshine, hours, 0 Possible sunshine, hours, 10.3

Per cent of possible sunshine, 0

Prevailing wind direction, NW Total wind 129

Average hourly velocity, 5.4 Extreme velocity, 10

Maximum velocity, 10 Direction, NW

Time began, 8.50 p.m.

Reduced barometer, 29.96 7 a. m. 30.10 7 p. m.

River gage, 2.3 Rise

Relative humidity, 89 7 a. m. 80 7 p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

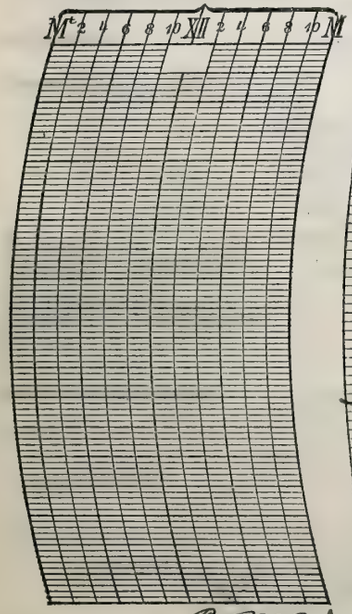
Dry temperature, 33.8 Wet temperature, 31.3

Dew-point, 28 R. humidity, 77 V. pressure, .150

Clouds: Amount, 10; Kind, Nb; Direction, NW

Velocity of clouds (miles per hour)

THERMOGRAPH.



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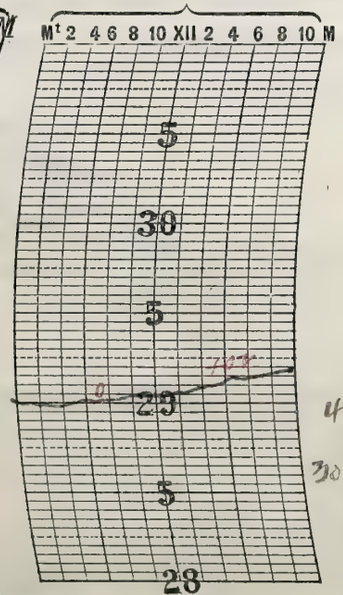

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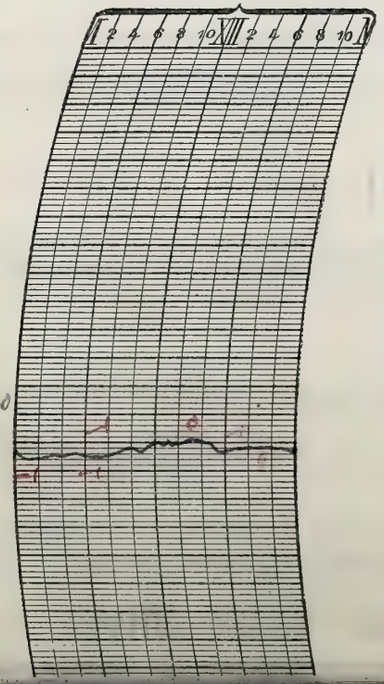


NOTES.

Moderate temperature, some showing, quite sleety. Unsettled, cloudy, showery, and unpleasant weather.

Prepared by P. McDonough

Verified by P. McDonough

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Indiana, (Day of week) Sunday, (Date) February 8, 1920.

Time (local standard) 90th mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	31	31	31	31	32	32	32	32	33	34	35	36	36	36	36	36	35	35	35	35	35	34	34	34
State of weather: Nature of precipitation and time of beginning and ending					sl. ● D.N.	sl. E D.N.		sl. ● 7:15		sl. E 10:10														
Amounts of precipitation																								
Cloudiness and other conditions			L									Cloudy										T		

Sunrise: Time, 6:44; Character, Cloudy. Moonrise: 10:11 P.m.

Sunset: Time, 5:07; Character, Cloudy. Moonset: 8:43 A.m.

Sunshine (in tenths of hours)							0	0	0	0	0	0	0	0	0	0	0	0						
Wind direction	NW	N	NW	W	W	W	W	W	W	W	W	W	W	W	W	W	W	NW	NW	W	W	SW	SW	SW
Wind movement	4	3	4	4	4	4	4	4	4	4	5	5	5	5	5	4	4	4	3	4	4	4	3	5
Maximum velocities (exceeding 29 miles) direction and time																								

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

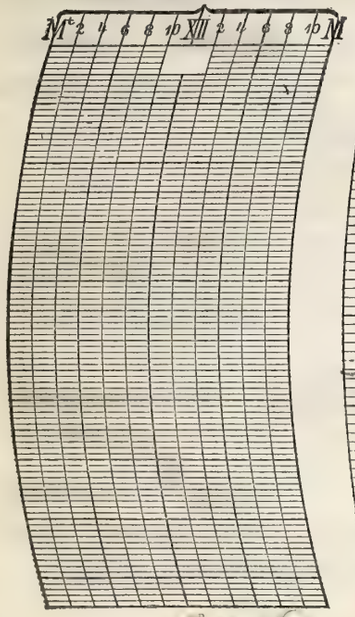
Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
36	31	34	

Total depth of snow for 24 hours ending 7 p. m., T inches.
Snow, sleet, and hail on ground 7 p. m., 0.2 inches.
Total snowfall, midnight to midnight, T inches.
Precipitation to 7 a. m., T ins.; to 7 p. m., T ins.
Total precipitation, midnight to midnight, T inches.
Character of day, Cloudy. Moon phase,
Average daily cloudiness (0-10), 10
Actual sunshine, hours, 0. Possible sunshine, hours, 10.4
Per cent of possible sunshine, 0
Prevailing wind direction, Total wind 99
Average hourly velocity, Extreme velocity, 5
Maximum velocity, 5 Direction, W
Time began, 11:07 a.m.
Reduced barometer, 30.21 7 a. m. 30.24 7 p. m.
River gage, 2.5 feet
Relative humidity, 90 a. m. 62 p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 35.3 Wet temperature, 33.3
Dew-point, 30 R. humidity, 82 V. pressure, .164
Clouds: Amount, 10; Kind, St.; Direction, NW.
Velocity of clouds (miles per hour)

THERMOGRAPH.



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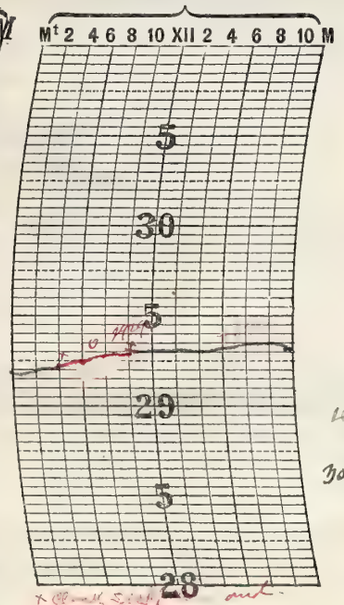

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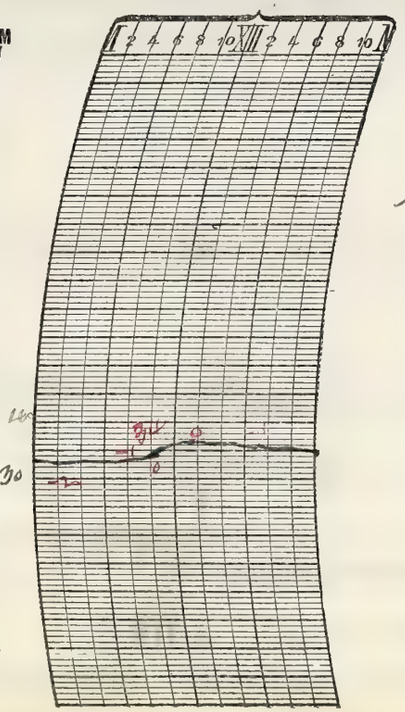


NOTES.

Light flurries of snow in the early part of the day. Moderate temperatures, with some thawing. Cloudy, gloomy and unpleasant.

Prepared by P. McDonough
Verified by P. McDonough

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Monday, (Date) February 9, 1920

Time (local standard). 90 mer. normal time.

	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	33	33	32	32	31	31	[illegible]	32	34	35	37	37
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions			L								Cloudy	
Sunshine (in tenths of hours)							0				0	0
Wind direction	S	S	S	S	S	S	S	S	S	S	SE	SE
Wind movement	6	4	6	5	4	6	6	7	9	12	12	13
Maximum velocities (exceeding 29 miles) direction and time												

	P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	37	37	37	36	36	36	36	35	35	35	35	34
State of weather: Nature of precipitation and time of beginning and ending	7:13 12:10	—	—	—	—	—	—	—	8:30			
Amounts of precipitation												
Cloudiness and other conditions												
Sunshine (in tenths of hours)	0	0	0	0	0	0						
Wind direction	S	S	S	S	S	SW	SW	W	W	W	W	W
Wind movement	12	12	11	12	9	8	10	10	10	11	10	13
Maximum velocities (exceeding 29 miles) direction and time												

Sunrise: Time, 6:43; Character, Cloudy. Moonrise: 11:12 P.m.

Sunset: Time, 5:08; Character, Cloudy. Moonset: 9:14 Am

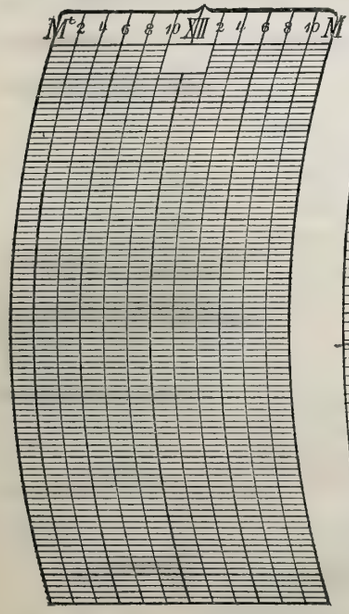
Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
37	31	34	

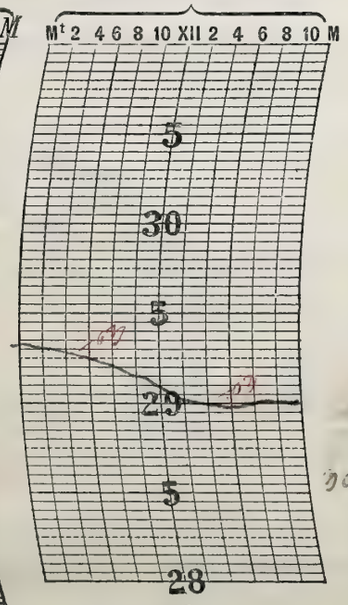
Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., T inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 p. m., 0 ins.; to 7 p. m., .08 ins.
Total precipitation, midnight to midnight, .09 inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0–10), 10
Actual sunshine, hours, 0 Possible sunshine, hours, 10.2
Per cent of possible sunshine, 0
Prevailing wind direction, S Total wind 218
Average hourly velocity, 9.1 Extreme velocity, 18
Maximum velocity, 16 Direction, W
Time began, 11:48 P.M.
Reduced barometer, 30.157 a. m. 29.907 p. m.
River gage, 2.7 feet
Relative humidity, 67 a. m. 95 p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)
Dry temperature, 36.6 Wet temperature, 33.0
Dew-point, 27 R. humidity, 69 V. pressure, .143
Clouds: Amount, 10; Kind, St.; Direction,
Velocity of clouds (miles per hour)

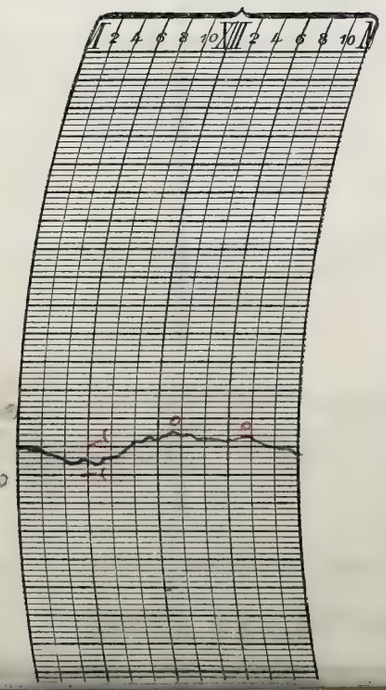
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

Cloudy with moderate temperature. Some showers with resulting slushy streets. Light rain from 12:10 p.m. to 8:30 p.m. Very unpleasant weather.

Prepared by J. P. McDonough
Verified by

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Indiana, (Day of week) Tuesday, (Date) February 10, 1920

Time (local standard). 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	32	30	29	28	27	27	28	29	32	34	35	33
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions		L	Cloudy				X	Pt. Cloudy			X	
Sunshine (in tenths of hours)							0	07	10	10	08	03
Wind direction	W	W	W	SW	SW	SW	SW	SW	SW	SW	W	W
Wind movement	14	11	9	8	10	12	10	13	19	18	17	19

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	32	33	33	33	32	31	31	31	29	29	28	27
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions	Cloudy		T	Pt. Cloudy			L	Cloudy				
Sunshine (in tenths of hours)	03	04	02	10	08	0						
Wind direction	W	W	W	W	W	W	W	W	NW	W	W	W
Wind movement	20	17	15	12	11	7	5	7	5	5	6	5

Sunrise: Time, 642 Character, Cloudy
Moonrise: — — —
Sunset: Time, 509 Character, Cloudy
Moonset: 9:45 am

Maximum velocities (exceeding 29 miles) direction and time.

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

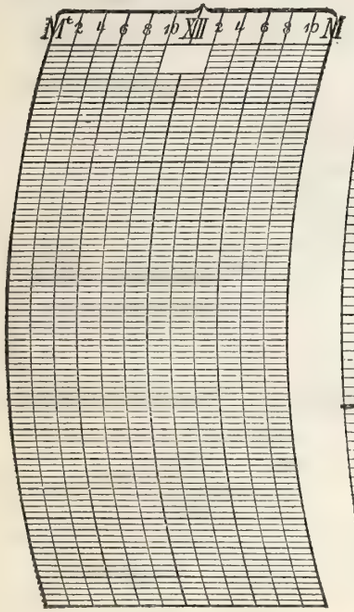
Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
35	27	31	

Total depth of snow for 24 hours ending 7 p. m., T inches.
Snow, sleet, and hail on ground 7 p. m., T inches.
Total snowfall, midnight to midnight, T inches.
Precipitation to 7 a. m., .01 ins.; to 7 p. m., T ins.
Total precipitation, midnight to midnight, T inches.
Character of day, Pt. Cloudy Moon phase,
Average daily cloudiness (0-10), 5
Actual sunshine, hours, 65 Possible sunshine, hours,
Per cent of possible sunshine, 62
Prevailing wind direction, W Total wind 275
Average hourly velocity, 11.5 Extreme velocity, 28
Maximum velocity, 27 Direction, SW
Time began, 9:45 am
Reduced barometer, 29.87 7 a. m. 29.90 7 p. m.
River gage, 3.1 ft
Relative humidity, 77 7 a. m. 67 7 p. m.

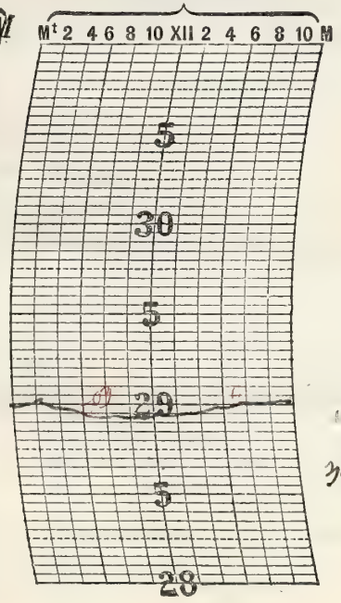
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 33.0 Wet temperature, 29.1
Dew-point, 22 R. humidity, 62 V. pressure, .113
Clouds: Amount, 10; Kind, No; Direction, N
Velocity of clouds (miles per hour)

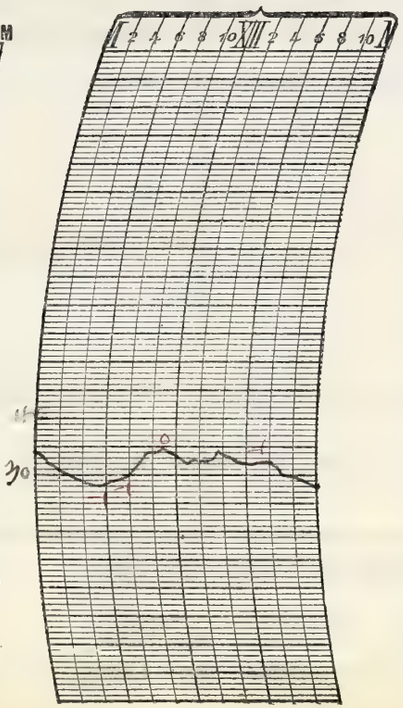
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

Some sunshine during the day. Mild temperatures obtained. The weather was quite invigorating.

Prepared by
Verified by } S. McDonough

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Wednesday, (Date) February 11, 1920

Time (local standard) 90th mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	26	26	25	25	24	23	23	25	26	29	30	32
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions		4 — Clear —					8 — Partly				8 — Cloudy	
Sunrise: Time, 6:41; Character, Cloudy												
Moonrise: 12:10 am												
Sunshine (in tenths of hours)							0	07	03	09	10	08
Wind direction	W	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	W
Wind movement	3	5	4	3	5	5	5	5	5	7	8	8
Maximum velocities (exceeding 24 miles) direction and time												

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	33	35	35	35	35	33	32	31	31	31	35	35
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions									7 — Clear			
Sunset: Time, 5:10; Character, Cloudy												
Moonset: 10:23 am												
Sunshine (in tenths of hours)	01	10	01	0	0	0						
Wind direction	W	W	SW	SW	SW	NE	E	E	E	E	SE	S
Wind movement	6	6	5	4	2	3	4	4	4	4	6	6
Maximum velocities (exceeding 24 miles) direction and time												

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
36	23	30	

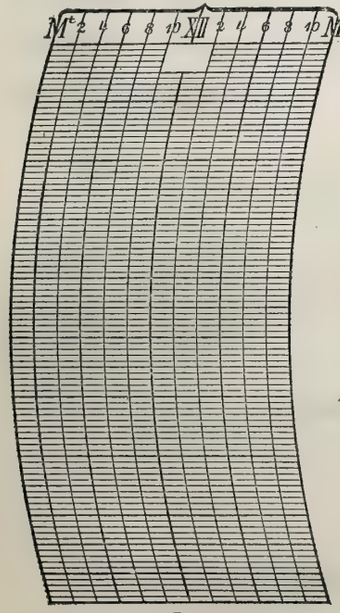
Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., T inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Cloudy Moon phase, last quarter 4:49 pm
Average daily cloudiness (0-10), 8
Actual sunshine, hours, 4.9 Possible sunshine, hours, 10.5
Per cent of possible sunshine, 47
Prevailing wind direction, SW Total wind 117
Average hourly velocity, Extreme velocity, 11
Maximum velocity, 11 Direction, SW
Time began, 12:25 pm
Reduced barometer, 29.93 7 a. m. 29.83 7 p. m.
River gage, 3.4 feet
Relative humidity, 72 7 a. m. 69 7 p. m.

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

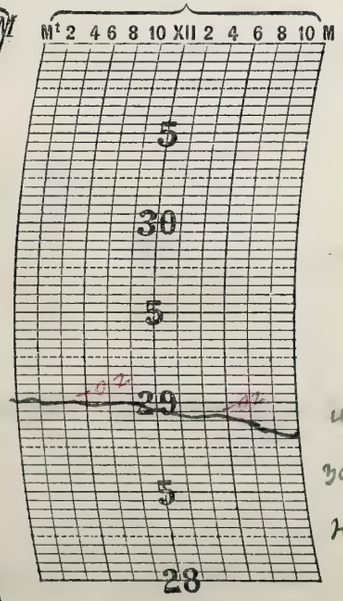
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 32.0 Wet temperature, 29.0
Dew-point, 24 R. humidity, 69 V. pressure, .12
Clouds: Amount, 8; Kind, Strat; Direction, W
Velocity of clouds (miles per hour)

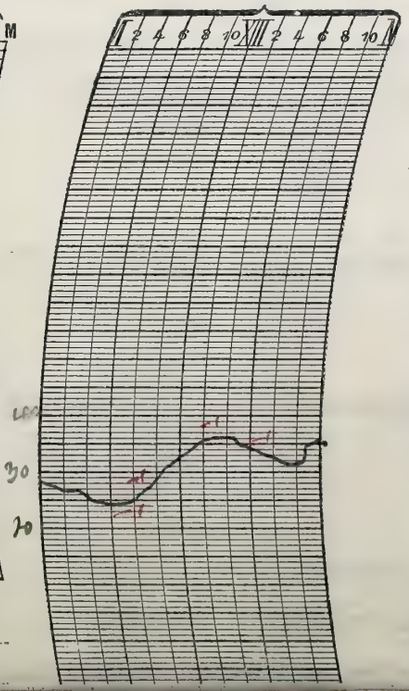
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

Generally cloudy, with slight
slight changes in temperature

Prepared by
Verified by J. P. McDonough

FORM NO. 1014—MCC 1.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Indiana, (Day of week) Thursday, (Date) February 12, 1920

Time (local standard) 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	37	37	33	30	29	27	27	27	27	27	28	28
State of weather: Nature of precipitation and time of beginning and ending									sm B. 246	—	—	—
Amounts of precipitation												
Cloudiness and other conditions											Cloudy	
Wind direction	SW	SW	W	NW	NW	NW	NW	NW	NW	W	W	W
Wind movement	6	7	8	5	8	6	7	7	7	5	7	6

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	29	30	30	29	28	28	28	27	27	27	27	27
State of weather: Nature of precipitation and time of beginning and ending		sm E 1:15		sm B 355	—	sm E 550						
Amounts of precipitation												
Cloudiness and other conditions												
Wind direction	W	W	W	W	NW	NW	W	NW	NW	W	SW	SW
Wind movement	6	6	5	5	5	4	4	3	4	4	6	4

Sunrise: Time 6:39, Character Cloudy. Moonrise: 1:06 am.

Sunset: Time 5:12, Character Cloudy. Moonset: 11:03 pm.

Sunshine (in tenths of hours): 0 0 0 0 0 0 | 0 0 0 0 0 0

Maximum velocities (exceeding 29 miles) direction and time.

Excessive precipitation, accumulated amounts.

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

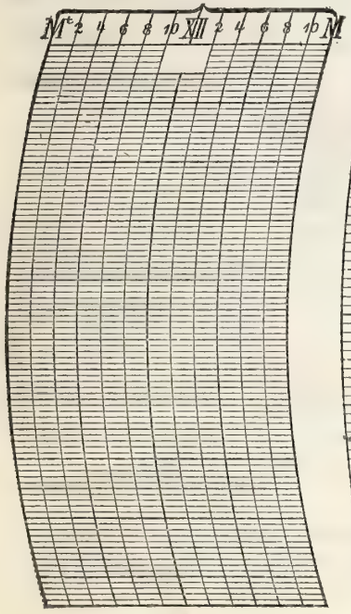
Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
37	27	32	

Total depth of snow for 24 hours ending 7 p. m. 0.1 inches.
Snow, sleet, and hail on ground 7 p. m., T inches.
Total snowfall, midnight to midnight, 0.1 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0.1 ins.
Total precipitation, midnight to midnight, 0.1 inches.
Character of day, Cloudy. Moon phase,
Average daily cloudiness (0-10), 10
Actual sunshine, hours, 0. Possible sunshine, hours, 10.6
Per cent of possible sunshine, 0
Prevailing wind direction, W-NW. Total wind 135
Average hourly velocity, 5.6. Extreme velocity, 10
Maximum velocity, 10. Direction, W
Time began, 2:22 am
Reduced barometer, 29.80 7 a. m. 29.84 7 p. m.
River gage, 25 feet
Relative humidity, 76 7 a. m. 65 7 p. m.

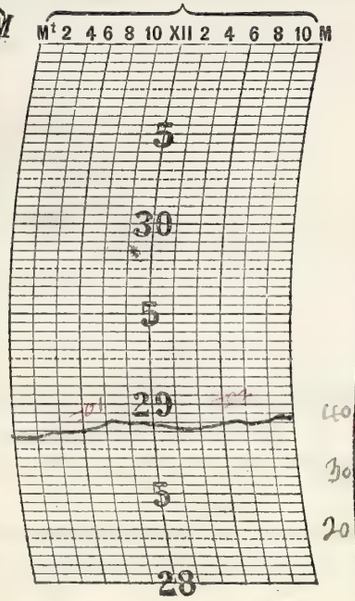
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 29.1. Wet temperature, 26.1
Dew-point, 20. R. humidity, 67. V. pressure, .103
Clouds: Amount, 10; Kind, Nb; Direction, W
Velocity of clouds (miles per hour)

THERMOGRAPH.



BAROGRAPH.



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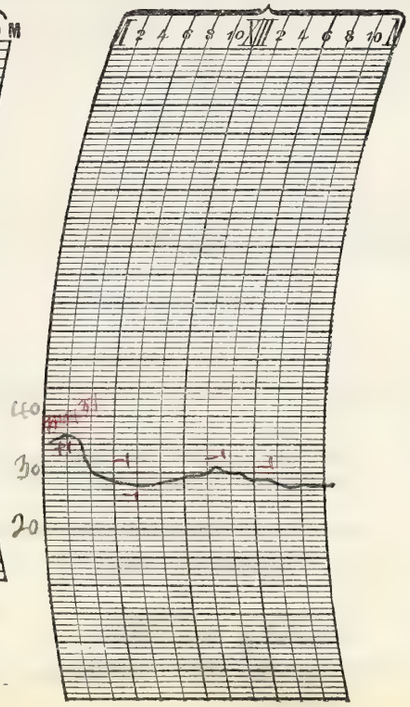


NOTES.

Cloudy with snow flurries.

Prepared by
Verified by

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind, (Day of week) Friday, (Date) February 13, 1920

Time (local standard). 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	26	26	26	27	27	28	28	28	30	31	33	34
State of weather. Nature of precipitation and time of beginning and ending												Sm B 11:30 Sm E 11:55
Amounts of precipitation												
Cloudiness and other conditions			L	–	Cloudy					Pcdy	– Cloudy	
Sunrise: Time, 6:38 Character, Cloudy												
Moonrise: 1:59 am												
Sunshine (in tenths of hours)							0	0	0	0.2	0.3	0.2
Wind direction	NW	NW	W	W	W	SW	SW	SW	S	S	S	S
Wind movement	4	4	4	3	4	4	3	5	4	6	9	8
Maximum velocities (exceeding 24 miles) direction and time												

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	35	35	36	38	37	37	38	37	38	37	36	36
State of weather. Nature of precipitation and time of beginning and ending								RB 7:10 RE 7:20				
Amounts of precipitation								—				
Cloudiness and other conditions	Pt. Cloudy					L	Cloudy			Clear		
Sunset: Time, 5:13 Character, Cloudy												
Moonset: 11:46 am												
Sunshine (in tenths of hours)	0.5	0	0	0	0	0						
Wind direction	S	S	S	S	SW	SW	S	SW	SW	SW	SW	W
Wind movement	12	9	9	10	6	5	6	6	12	10	8	11
Maximum velocities (exceeding 24 miles) direction and time												

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
38	26	32	

Total depth of snow for 24 hours ending 7 p. m., T inches.
Snow, sleet, and hail on ground 7 p. m., T inches.
Total snowfall, midnight to midnight, T inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., T ins.
Total precipitation, midnight to midnight, — inches.
Character of day Pt Cloudy Moon phase,
Average daily cloudiness (0-10),
Actual sunshine, hours, 1.2 Possible sunshine, hours, 10.6
Per cent of possible sunshine, 11
Prevailing wind direction, S-SW Total wind 162
Average hourly velocity, 6.8 Extreme velocity, 18
Maximum velocity, 17 Direction, SW
Time began, 8 am pm
Reduced barometer, 29.83 7 a. m. 29.82 7 p. m.
River gage, 4.0 feet
Relative humidity, 76 7 a. m. 75 7 p. m.

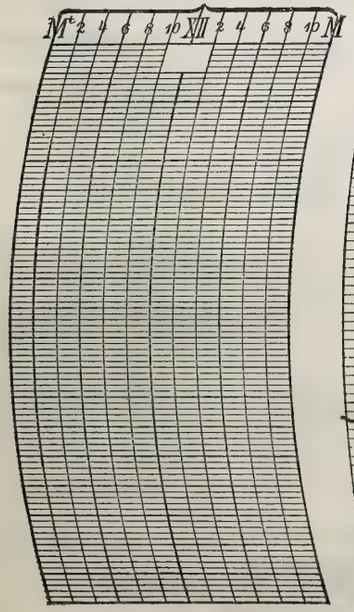
Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

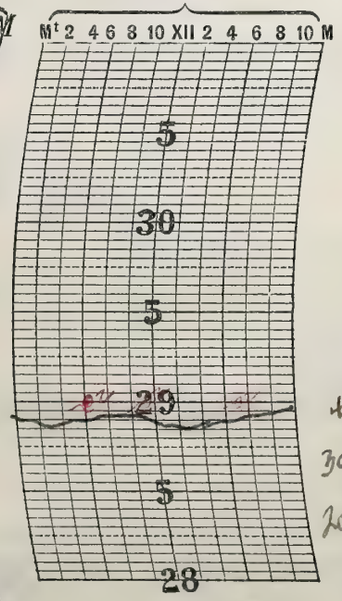
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 34.0 Wet temperature, 30.0
Dew-point, 24 R. humidity, 62 V. pressure, .12
Clouds: Amount, 8; Kind, St. Cu; Direction, W
Velocity of clouds (miles per hour)

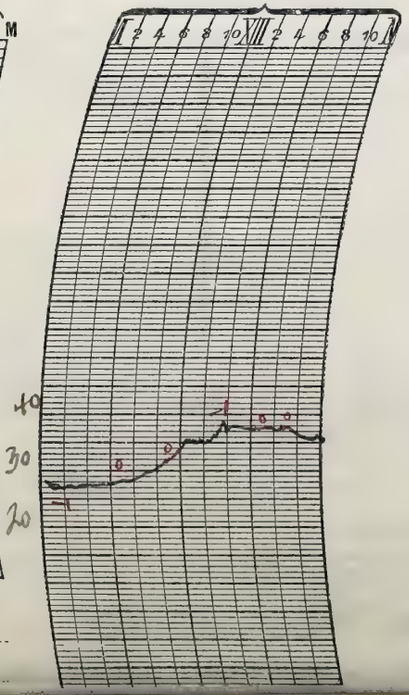
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

Central office ordered noon special (75th meridian time), which was taken and transmitted. Cloudy with mild temperatures. A few flakes of snow fell from 11:30 am to 11:55 am and then came a few drops of rain from 7:10 pm to 7:20 pm

Prepared by
Verified by J. P. McDonough

Form No. 1014—Mct 1.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Indiana, (Day of week) Saturday, (Date) February 14, 1920

Time (local standard) 90th mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	34	33	33	31	28	26	25	23	21	17	16	17	16	16	16	15	13	12	10	10	9	8	6	3
State of weather: Nature of precipitation and time of beginning and ending									Sn 9 45														Sn E P.N.	
Amounts of precipitation									-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Cloudiness and other conditions			L									Cloudy												

Sunrise: Time, 6:37; Character, Cloudy

Moonrise: 2:48 am

Sunset: Time, 5:14; Character, Cloudy

Moonset: 12:30 pm

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Sunshine (in tenths of hours)							0	0	0	03			0	0	0	0	0	0						
Wind direction	W	W	SW	SW	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W
Wind movement	7	8	6	7	12	13	12	13	14	17	16	14	15	16	16	17	17	17	15	15	15	16	17	17
Maximum velocities (exceeding 24 miles) direction and time																								

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
36	3	20	

Total depth of snow for 24 hours ending 7 p. m., 0.2 inches.

Snow, sleet, and hail on ground 7 p. m., 0.2 inches.

Total snowfall, midnight to midnight, 0.3 inches.

Precipitation to 7 a. m., T ins.; to 7 p. m., 0.2 ins.

Total precipitation, midnight to midnight, 0.3 inches.

Character of day, Cloudy Moon phase,

Average daily cloudiness (0-10), 10

Actual sunshine, hours, 0.3 Possible sunshine, hours, 10.6

Per cent of possible sunshine, 3

Prevailing wind direction, W Total wind 332

Average hourly velocity, 13.8 Extreme velocity, 24

Maximum velocity, 23 Direction, W

Time began, 4:23 pm

Reduced barometer, 29.91 7 a. m. 30.01 7 p. m.

River gage, 3.9 feet

Relative humidity, 90 7 a. m. 70 7 p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

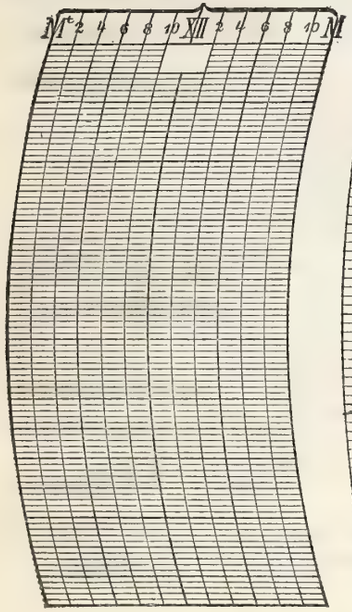
Dry temperature, 18.6 Wet temperature, 15.2

Dew-point, 4 R. humidity, 48 V. pressure, 0.47

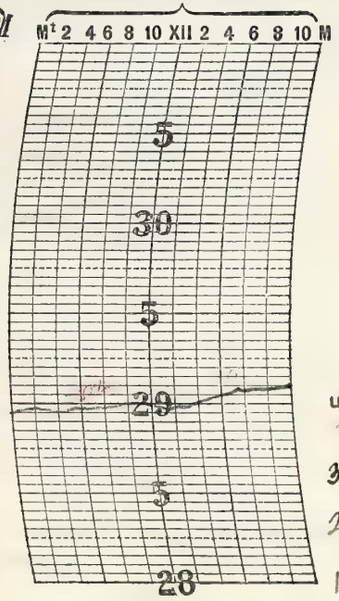
Clouds: Amount, 10; Kind, Nb; Direction, W

Velocity of clouds (miles per hour)

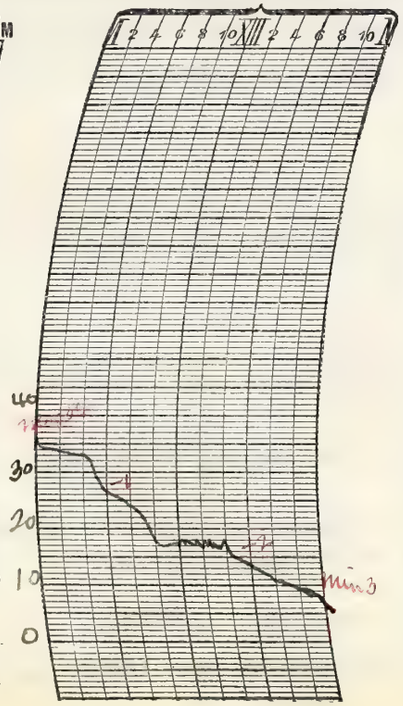
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

Light snow from 8:15 am to last night.
The temperature fell decidedly from midnight of 13th to midnight of this day.
A cold wave occurred from the pm observation of the 13th to the pm observation of the 14th, temperature fell from 38° to 10°.
Weather quite unpleasant.

Prepared by

Verified by F. M. Donogh

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind, (Day of week) Sunday, (Date) February 15, 1920

Time (local standard). 90th mer. normal time.

	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	2	2	2	0	0	-2	-3	-3	-2	0	2	3
State of weather. Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions							Clear					
Sunshine (in tenths of hours)							0	0.1	1.0	1.0	1.0	1.0
Wind direction	W	W	W	W	W	W	W	W	W	W	W	W
Wind movement	14	15	16	15	17	20	18	18	18	20	23	23

	P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	4	4	5	4	3	2	2	2	2	2	1	1
State of weather. Nature of precipitation and time of beginning and ending				Sd B. 3.45		Sd E 5.03						
Amounts of precipitation												
Cloudiness and other conditions				Pt Cldy		Cldy		Clear				
Sunshine (in tenths of hours)	1.0	1.0	0.4	0	0	0						
Wind direction	W	W	W	W	W	W	W	W	W	W	W	W
Wind movement	23	21	22	21	18	16	16	16	16	18	17	19

Sunrise: Time, 6.35 Character, Cloudy
Moonrise: 9:34 am
Sunset: Time, 5.15 Character, Cloudy
Moonset: 12.7 pm

Maximum velocities (exceeding 74 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

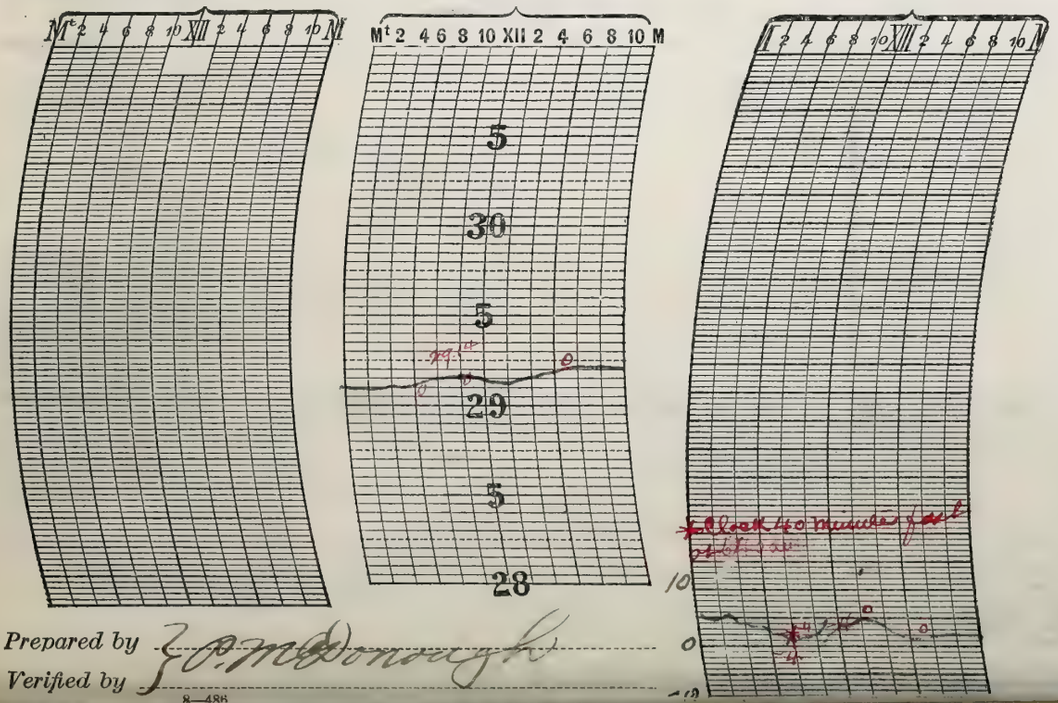
Excessive precipitation, accumulated amounts

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
5	-3	1	

Total depth of snow for 24 hours ending 7 p. m., 0.1 inches.
Snow, sleet, and hail on ground 7 p. m., 0.3 inches.
Total snowfall, midnight to midnight, T inches.
Precipitation to 7 a. m., .01 ins.; to 7 p. m., T ins.
Total precipitation, midnight to midnight, T inches.
Character of day, Clear Moon phase,
Average daily cloudiness (0–10), 3
Actual sunshine, hours, 6.5 Possible sunshine, hours, 10.7
Per cent of possible sunshine, 61
Prevailing wind direction, W Total wind 440
Average hourly velocity, 18.3 Extreme velocity, 29
Maximum velocity, 28 Direction, W
Time began, 2.28 pm
Reduced barometer, 30.09 7 a. m. 30.19, p. m.
River gage, 4.2 feet
Relative humidity, 85 a. m. 64 p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)
Dry temperature, 3.0 Wet temperature, 1.0
Dew-point, -12 R. humidity, 44 V. pressure, .020
Clouds: Amount, 0; Kind, 0; Direction, 0
Velocity of clouds (miles per hour)

THERMOGRAPH. BAROGRAPH. THERMOGRAPH.



Prepared by J. M. Donoghue
Verified by

NOTES.

A cold wave occurred between 7 am of the 14th and 7 am of this date, temperature fell from 25° to -3°

Intensely cold with penetrating west winds.

Snow flurries occurred between 2.45 pm and 5.05 pm

8—488

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind, (Day of week) Monday, (Date) February 16, 1920

Time (local standard). 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	0	-1	-1	-2	-4	-4	-4	-3	-1	3	6	9	13	14	15	18	19	18	17	16	17	18	21	23
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions	Clear										X	Cldy				X		Cloudy						

Sunrise: Time, 6:34; Character, Clear

Moonrise: 4:16 am

Sunset: Time, 5:16; Character, Cloudy

Moonset: 2:24 pm

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Sunshine (in tenths of hours)							0	0	10	10	10	10	10	10	10	0	0	0						
Wind direction	W	W	W	W	W	W	W	W	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW
Wind movement	19	18	17	15	16	13	13	14	15	14	14	16	15	19	17	16	17	15	19	18	16	16	16	15
Maximum velocities (exceeding 22 miles) direction and time																								

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
23	-4	10	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow, sleet, and hail on ground 7 p. m., 0.2 inches.

Total snowfall, midnight to midnight, T inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, T inches.

Character of day, Clear Moon phase,

Average daily cloudiness (0-10), 3

Actual sunshine, hours, 8.4 Possible sunshine, hours, 10.7

Per cent of possible sunshine, 79

Prevailing wind direction, SW Total wind 383

Average hourly velocity, 16.0 Extreme velocity, 23

Maximum velocity, 22 Direction, SW

Time began, 6:38 p.m.

Reduced barometer, 30.23 7 a. m. 29.89 7 p. m.

River gage,

Relative humidity, 76 7 a. m. 59 7 p. m.

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

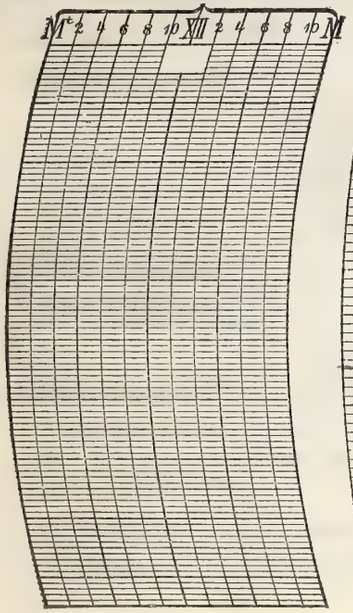
Dry temperature, 9.9 Wet temperature, 6.7

Dew-point, -1.2 R. humidity, 37 V. pressure, 0.20

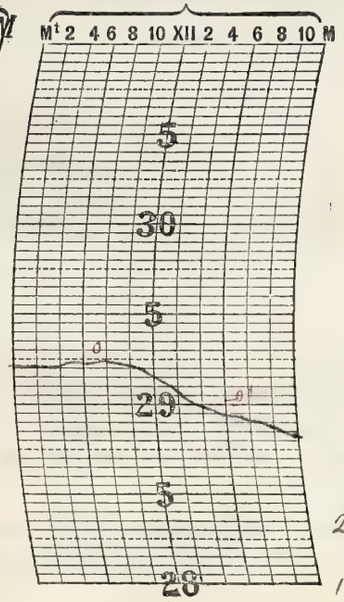
Clouds: Amount, 2; Kind, Cir Cu; Direction, W

Velocity of clouds (miles per hour)

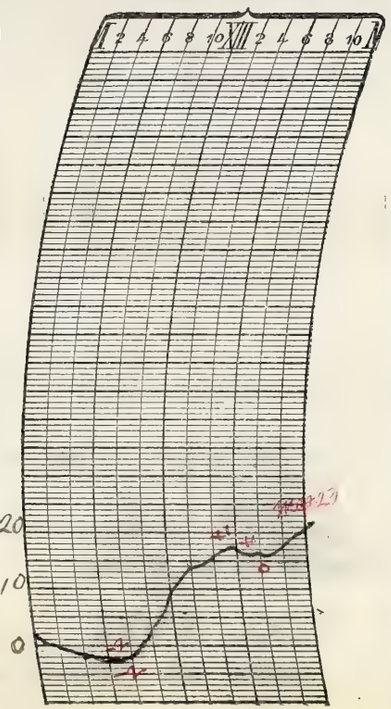
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

Increasing cloudiness from 10 a.m. with the late afternoon and night cloudy. Snow flurries from 7:02 pm to late night. Intensely cold in the early morning, with penetrating westerly winds, but weather moderates during the day and night.

Prepared by } P. McDonough
Verified by }

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne Ind, (Day of week) Tuesday, (Date) February 17, 1920

Time (local standard). 90th mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	23	23	25	26	25	25	25	26	28	31	34	36
State of weather. Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions				L	Pt. Cloudy						X Cloudy	
Sunshine (in tenths of hours)							0	0	0.2	1.0	0.5	0.2
Wind direction	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW
Wind movement	16	16	16	15	16	15	14	16	16	20	18	22

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	39	40	41	39	39	38	38	35	32	30	28	26
State of weather. Nature of precipitation and time of beginning and ending										5 Sn 8 905	- -	D.N
Amounts of precipitation												
Cloudiness and other conditions	X Pt. cloudy					Cloudy						
Sunshine (in tenths of hours)	0.7	1.0	1.0	0	0	0						
Wind direction	SW	SW	SW	SW	W	W	W	W	NW	NW	NW	NW
Wind movement	18	21	19	15	10	10	8	9	8	7	8	9

Sunrise: Time, 6:33 Character, Cloudy
Moonrise: 4:53 am
Sunset: Time, 5:18 Character, Cloudy
Moonset: 9:23 P.M.

Maximum velocities (exceeding 29 miles) direction and time.

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

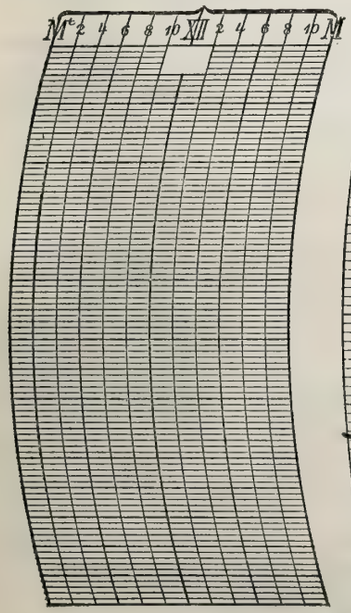
Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
41	23	32	

Total depth of snow for 24 hours ending 7 p. m., T inches.
Snow, sleet, and hail on ground 7 p. m., T inches.
Total snowfall, midnight to midnight, T inches.
Precipitation to 7 a. m., T ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, T inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0-10),
Actual sunshine, hours, 4.6 Possible sunshine, hours, 10.6
Per cent of possible sunshine, 43
Prevailing wind direction, SW Total wind 342
Average hourly velocity, 14.2 Extreme velocity, 30
Maximum velocity, 28 Direction, SW
Time began, 11:27 am
Reduced barometer, 29.64 7 a. m. 29.63 7 p. m.
River gage, 3.5 feet
Relative humidity, 69 7 a. m. 59 7 p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 34.5 Wet temperature, 28.2
Dew-point, 16 R. humidity, 42 V. pressure, .085
Clouds: Amount, 10; Kind, Strat.; Direction, SW
Velocity of clouds (miles per hour)

THERMOGRAPH.



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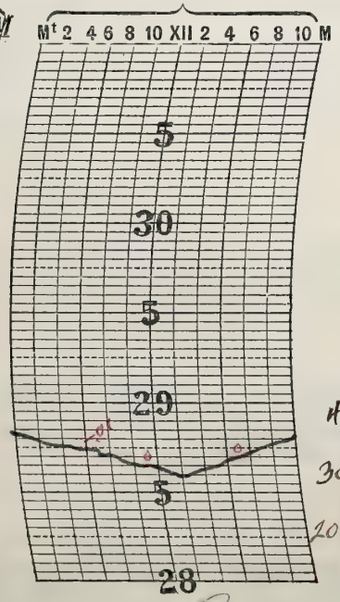
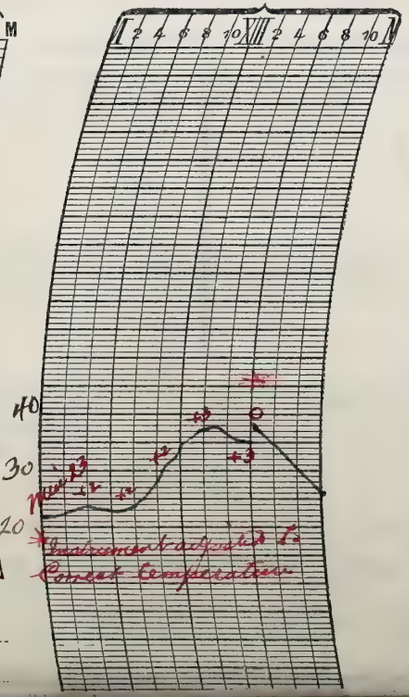


THERMOGRAPH.



NOTES.

The Central Office called for a noon special (75 meridian time), which was taken and telegraphed.

The weather was mostly cloudy with snow flurries until late night. Mild temperatures obtained during much of the day.

Prepared by C. M. C. Drought
Verified by

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Wednesday, (Date) February 18, 1920

Time (local standard). 90th mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	24	22	20	20	19	19	18	19	19	20	22	23	25	26	26	25	24	24	23	23	23	23	22	22
State of weather: Nature of precipitation and time of beginning and ending																			5:23 6:00	- -	5:42 8:50			
Amounts of precipitation																								
Cloudiness and other conditions				2 - Cloudy						X - Partly								X - Cloudy						
Sunrise: Time, 6:31 Character, Cloudy																					Sunset: Time, 5:40 Character, Cloudy			
Moonrise: 5:28 am																					Moonset: 4:24 pm			
Sunshine (in tenths of hours)							0	0	0	0	0	0	10	10	02	0	0	0						
Wind direction	N	N	N	N	NE	NE	NE	NE	NE	E	NE	NE	NE	NE	NE	NE	NE	SE	SE	SE	SE	E	SE	E
Wind movement	7	6	7	6	7	6	7	6	5	7	6	5	6	5	6	4	4	4	4	4	3	3	3	5
Maximum velocities (exceeding 90 miles) direction and time																								

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

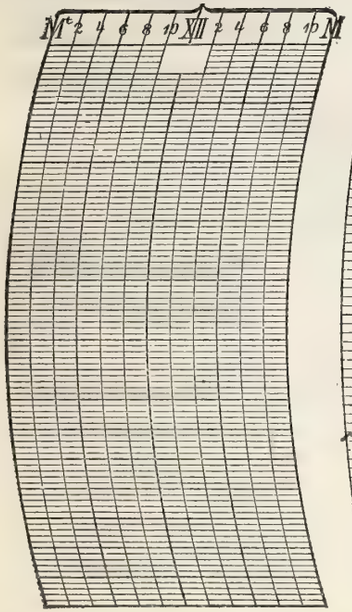
Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
26	18	22	

Total depth of snow for 24 hours ending 7 p. m., T inches.
Snow, sleet, and hail on ground 7 p. m., T inches.
Total snowfall, midnight to midnight, T inches.
Precipitation to 7 a. m., T ins.; to 7 p. m., T ins.
Total precipitation, midnight to midnight, T inches.
Character of day, Pt. Cloudy Moon phase,
Average daily cloudiness (0-10), 7
Actual sunshine, hours, 4.1 Possible sunshine, hours, 10.8
Per cent of possible sunshine, 38
Prevailing wind direction, NE Total wind 126
Average hourly velocity, 5.2 Extreme velocity, 9
Maximum velocity, 9 Direction, N
Time began, 12:23 am
Reduced barometer, 29.81 7 a. m. 29.87 7 p. m.
River gage, 35 feet
Relative humidity, 80 7 a. m. 64 7 p. m.

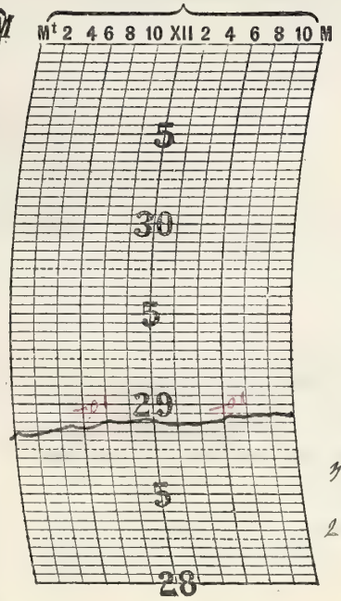
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 23.0 Wet temperature, 20.0
Dew-point, 12 R. humidity, 60 V. pressure, .070
Clouds: Amount, 5; Kind, Cirr.; Direction, NW
Velocity of clouds (miles per hour)

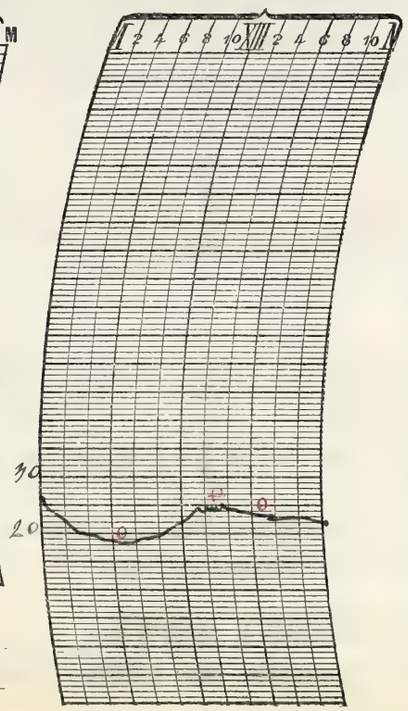
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

Moderate temperature - Generally partly cloudy weather with snow flurries from 6:00 pm to 8:50 pm

Prepared by
Verified by C. McDonough

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Thursday, (Date) February 19, 1920.

Time (local standard). 90th mer. normal time.

	A. M.												P. M.											
	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	22	21	21	20	20	19	18	19	20	23	24	26	27	28	28	29	27	28	28	24	23	23	22	22
State of weather. Nature of precipitation and time of beginning and ending								Sl R 7:25	---	Sl E 9:30														
Amounts of precipitation																								
Cloudiness and other conditions					L — Cloudy					X L — Partly Cloudy						X — Cloudy					X L Clear			

Sunrise: Time, 630 Character, Cloudy

Moonrise: 601 am

Sunset: Time, 520 Character, Cloudy

Moonset: 528 pm

Sunshine (in tenths of hours)							0	0	0	0	0.6	0.5	0.5	0.6	0.4	0	0	0						
Wind direction	SE	SE	SE	NE	NE	N	N	N	NE	NE	NE	NE	NW	NW	NW	W	W	NW	NW	N	NE	NE	NE	E
Wind movement	3	2	3	5	3	5	6	5	5	3	4	5	6	6	6	6	5	4	3	5	5	5	3	4

Maximum velocities (exceeding 29 miles) direction and time

Total duration. From—	Total duration. To—	Total amount of precipitation.	Excessive rate. Began—	Excessive rate. Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

Excessive precipitation, accumulated amounts

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
29	18	24	

Total depth of snow for 24 hours ending 7 p. m., T inches.

Snow, sleet, and hail on ground 7 p. m., T inches.

Total snowfall, midnight to midnight, T inches.

Precipitation to 7 a. m., T ins.; to 7 p. m., T ins.

Total precipitation, midnight to midnight, T inches.

Character of day, Cloudy Moon phase, New moon 335 pm

Average daily cloudiness (0-10), 5

Actual sunshine, hours, 2.7 Possible sunshine, hours, 10.8

Per cent of possible sunshine, 25

Prevailing wind direction, NE Total wind 107

Average hourly velocity, 4.5 Extreme velocity, 7

Maximum velocity, 7 Direction, NW

Time began, 2:15 p.m.

Reduced barometer, 29.94 7 a. m. 30.067 p. m.

River gage, 3.4 feet

Relative humidity, 87 7 a. m. 66 7 p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

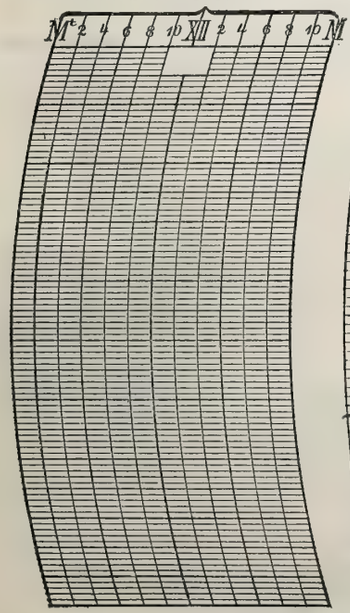
Dry temperature, 26.1 Wet temperature, 22.9

Dew-point, 15 R. humidity, 62 V. pressure, .081

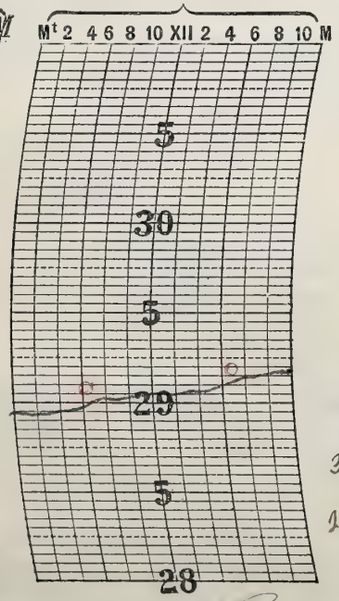
Clouds: Amount, 7; Kind, Strat.; Direction, NW

Velocity of clouds (miles per hour)

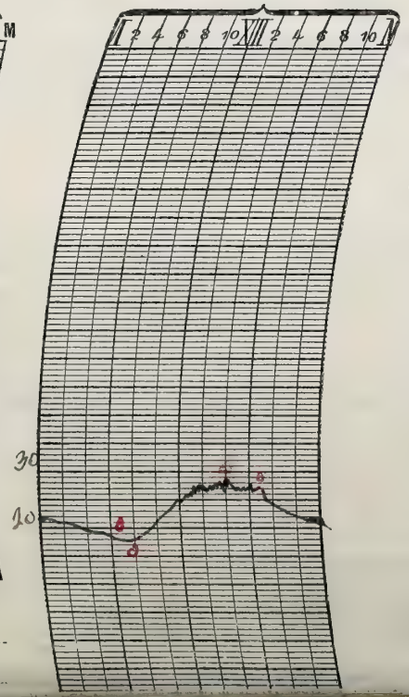
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

Generally Cloudy, with sunshine through clouds, but clear in late night. Snow flurries from 7:25 am to 9:30 am. Cool, but generally pleasant weather.

Prepared by P. McDonough

Verified by

8—486

Form No. 1014—Met. 1.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Friday, (Date) February 20, 1920.

Time (local standard). 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	21	20	19	19	18	18	18	20	26	28	32	33
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions					1—Clear	—		7 1—Pt. Cloudy				
Sunrise: Time, Character,	6:29 Cloudy											
Moonrise:	6:37 am											
Sunshine (in tenths of hours)							0	0	05	07	08	10
Wind direction	E	E	E	E	E	E	NE	E	E	E	E	NE
Wind movement	4	4	4	5	4	5	3	4	3	3	5	4
Maximum velocities (exceeding 29 miles) direction and time												

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	37	35	35	34	33	32	32	31	30	29	28	27
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions	7 1—Cloudy			—		7 1—Pt. Cloudy		7				
Sunset: Time, Character,									5:21 Cloudy			
Moonset:									6:32 pm			
Sunshine (in tenths of hours)	10	06	0	0	0	0						
Wind direction	NE	SW	N	NE	NE	E	E	E	E	E	E	E
Wind movement	4	5	5	7	5	5	5	7	6	6	7	8
Maximum velocities (exceeding 29 miles) direction and time												

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
37	18	28	

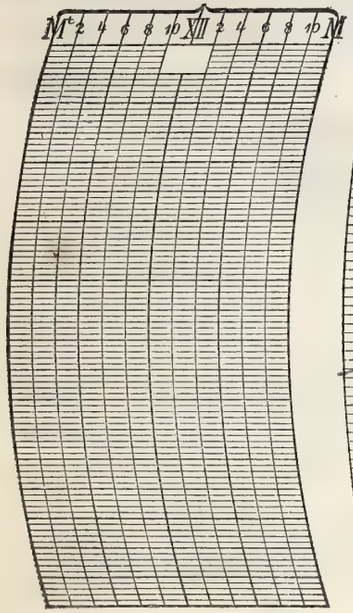
Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., T inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day Pt. Cloudy Moon phase,
Average daily cloudiness (0-10), 6
Actual sunshine, hours, 4.6 Possible sunshine, hours,
Per cent of possible sunshine, 42
Prevailing wind direction, E Total wind 118
Average hourly velocity, 4.9 Extreme velocity, 8
Maximum velocity, 8 Direction, NE
Time began, 11:35 P.M.
Reduced barometer, 30.20 7 a. m. 30.33 7 p. m.
River gage, 3.2 put
Relative humidity, 55 7 a. m. 65 7 p. m.

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

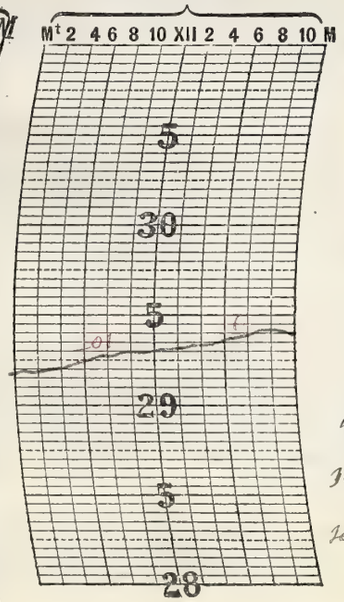
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 33.1 Wet temperature, 28.0
Dew-point, 19 R. humidity, 51 V. pressure, 098
Clouds: Amount, 6; Kind, Cst.; Direction, W
Velocity of clouds (miles per hour)

THERMOGRAPH.



BAROGRAPH.



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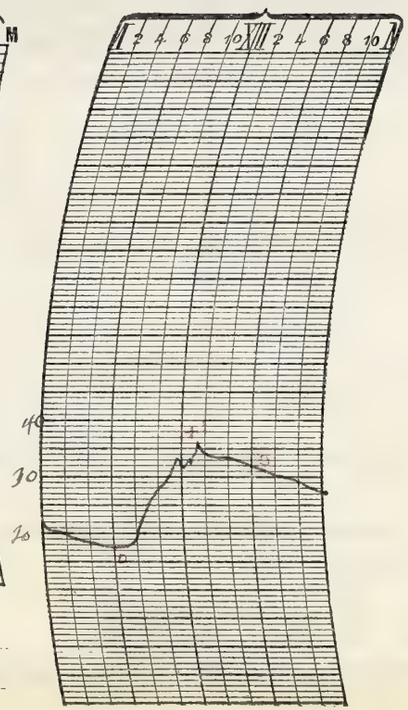


NOTES.

Cool in the morning, but day and night mild. Generally partly cloudy, but weather somewhat threatening in the afternoon. Rather pleasant day.

Prepared by
Verified by P. McDonough

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne Ind., (Day of week) Saturday, (Date) February 21, 1920.

Time (local standard) 90 mer. normal time.

	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	27	27	26	26	26	26	27	27	28	29	31	33
State of weather: Nature of precipitation and time of beginning and ending					sm B. 4:15		sm E 6:20					
Amounts of precipitation												
Cloudiness and other conditions												
Sunshine (in tenths of hours)							0	0	0	0	0	0
Wind direction	NE	E	E	NE	NE	NE	NE	NE	NE	NE	NE	NE
Wind movement	8	8	9	7	8	8	8	8	9	9	8	8

	P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	36	37	38	38	37	36	36	35	32	32	32	29
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions												
Sunshine (in tenths of hours)	0	0	0	0	0	0						
Wind direction	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE
Wind movement	7	6	7	7	7	7	7	6	7	7	8	8

Cloudy

Sunrise: Time, 6:27 Character, Cloudy

Moonrise: 7:02 am

Sunset: Time, 5:22 Character, Cloudy

Moonset: 7:38 pm

Maximum velocities (exceeding 29 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
38	26	32	

Total depth of snow for 24 hours ending 7 p. m., 0.1 inches.

Snow, sleet, and hail on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0.1 inches.

Precipitation to 7 a. m., .01 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, .01 inches.

Character of day, Cloudy Moon phase,

Average daily cloudiness (0-10), 10

Actual sunshine, hours, 0 Possible sunshine, hours, 11.9

Per cent of possible sunshine, 0

Prevailing wind direction, NE Total wind 182

Average hourly velocity, Extreme velocity, 12

Maximum velocity, 17 Direction, NE

Time began, 8:55 am

Reduced barometer, 30.27 7 a. m. 30.21 7 p. m.

River gage, 31 Ful

Relative humidity, 77 7 a. m. 68 7 p. m.

OBSERVATIONS AT 12 NOON. (Local Mean Time.)

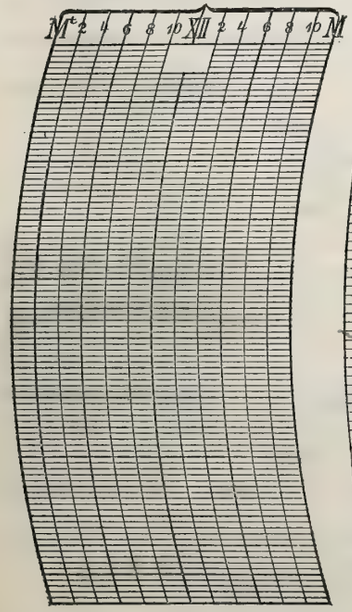
Dry temperature, 33.6 Wet temperature, 30.1

Dew-point, 25 R. humidity, 67 V. pressure, .130

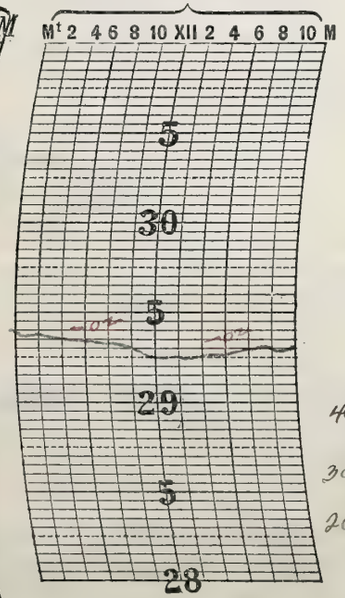
Clouds: Amount, 10; Kind, St; Direction, NE

Velocity of clouds (miles per hour)

THERMOGRAPH.



BAROGRAPH.



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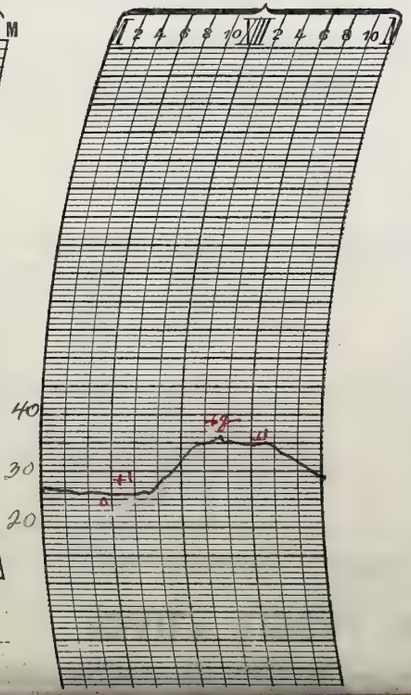


NOTES.

Woudy and mild weather with light snow in the early morning

Prepared by

Verified by

FORM NO. 1014—SEC. 1.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Sunday, (Date) February 22, 1920

Time (local standard). 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	28	27	26	25	25	25	25	25	27	29	30	32
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions			L-Cloudy						X Pt. cloudy			X
Sunrise: Time, Character,	626 Cloudy											
Moonrise:	7:34 am											
Sunshine (in tenths of hours)							0	0	03	10	01	10
Wind direction	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE
Wind movement	6	7	7	7	6	7	6	7	7	8	9	9

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	32	34	35	34	33	31	30	28	27	27	26	26
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions	L-Cloudy			X Pt. cloudy		X	— Clear				→	7
Sunset: Time, Character,									5:24 Cloudy			
Moonset:									8:45 pm			
Sunshine (in tenths of hours)	0	02	04	07	04	0						
Wind direction	NE	NE	NE	NE	NE	E	E	E	E	E	E	E
Wind movement	8	7	8	7	7	7	7	6	6	5	6	7

Maximum velocities (exceeding 24 miles) direction and time.

Excessive precipitation, accumulated amounts

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

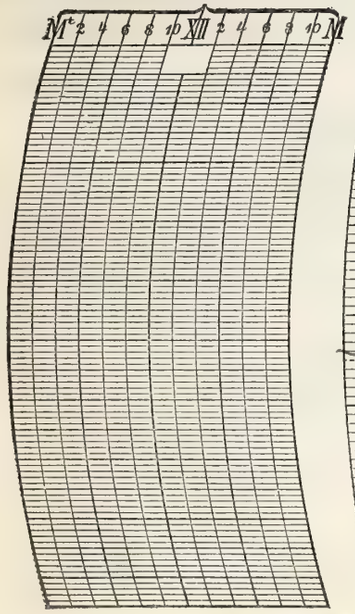
Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
35	25	30	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Pt. Cloudy Moon phase,
Average daily cloudiness (0-10), 7
Actual sunshine, hours, 4.1 Possible sunshine, hours, 11.0
Per cent of possible sunshine, 37
Prevailing wind direction, NE Total wind 167
Average hourly velocity, 7.0 Extreme velocity, 10
Maximum velocity, 10 Direction, NE
Time began, 10:50 am
Reduced barometer, 30.25 7 a. m. 30.08 7 p. m.
River gage, 3.0 feet
Relative humidity, 75 7 a. m. 78 7 p. m.

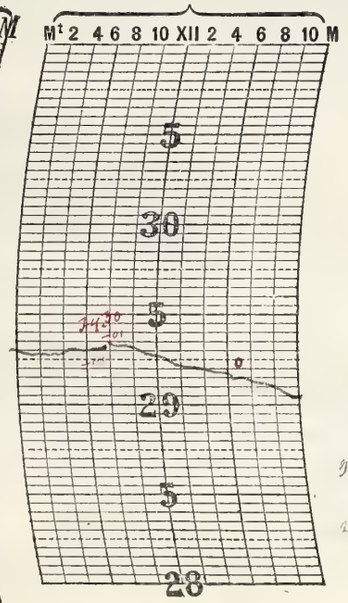
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 32.0 Wet temperature, 27.9
Dew-point, 21 R. humidity, 59 V. pressure, .108
Clouds: Amount, 8; Kind, St. Cu.; Direction, W.
Velocity of clouds (miles per hour)

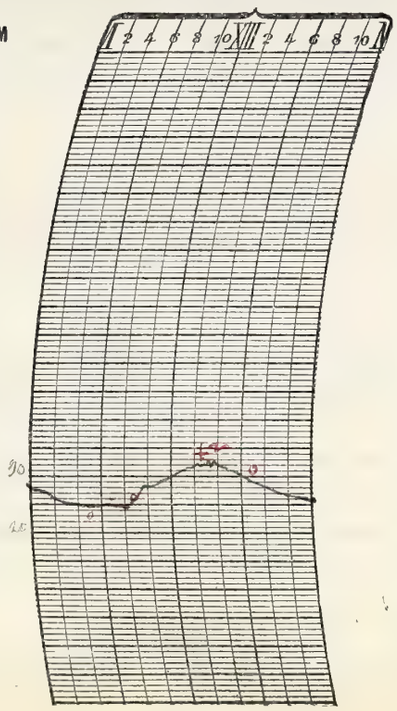
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

The weather was generally Pt. Cloudy but clear at night. Moderate temperature and quite pleasant.

Prepared by
Verified by F. C. McDonough

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind, (Day of week) Monday, (Date) February 23, 1920

Time (local standard) 90 mer. normal time

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	26	26	26	26	26	26	29	29	30	32	32	34
State of weather: Nature of precipitation and time of beginning and ending			5m B 2:30	—	—	—	—	5m E 730			R.B 1010 R E 1025	
Amounts of precipitation												
Cloudiness and other conditions		L									Cloudy	
Sunshine (in tenths of hours)							0	0	0	0	0	0
Wind direction	E	E	E	E	E	E	SE	S	SW	SW	W	W
Wind movement	5	4	6	4	3	3	3	6	7	7	10	12

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	33	33	33	32	32	30	29	28	27	27	26	24
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions										8		
Sunshine (in tenths of hours)	0	0	0	0	0	0						
Wind direction	W	NW	NW	NW	W	NW	NW	NW	NW	NW	NW	NW
Wind movement	13	11	10	9	10	12	9	11	8	7	6	9

Sunrise: Time 6:24, Character Cloudy
Moonrise: 8:07 am
Sunset: Time 5:25, Character Cloudy
Moonset: 9:53 pm

Maximum velocities (exceeding 29 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

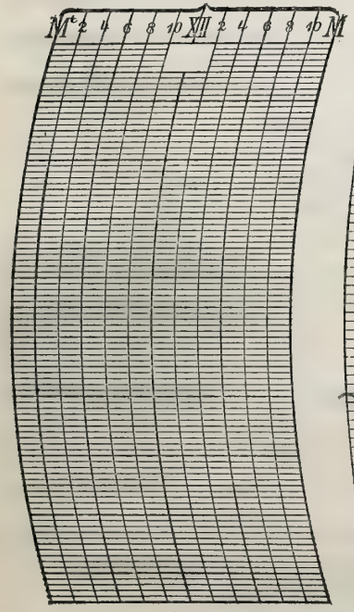
Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
34	24	29	

Total depth of snow for 24 hours ending 7 p. m., 04 inches.
Snow, sleet, and hail on ground 7 p. m., T inches.
Total snowfall, midnight to midnight, 04 inches.
Precipitation to 7 a. m., 03 ins.; to 7 p. m., T ins.
Total precipitation, midnight to midnight, 03 inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0-10), 10
Actual sunshine, hours, 0.1 Possible sunshine, hours, 11.0
Per cent of possible sunshine,
Prevailing wind direction, NW Total wind 185
Average hourly velocity, 7.7 Extreme velocity, 15
Maximum velocity, 17 Direction, W
Time began, 12:13 P.M.
Reduced barometer, 29.81 7 a. m. 29.85 7 p. m.
River gage, 3.2 feet
Relative humidity, 94 7 a. m. 71 7 p. m.

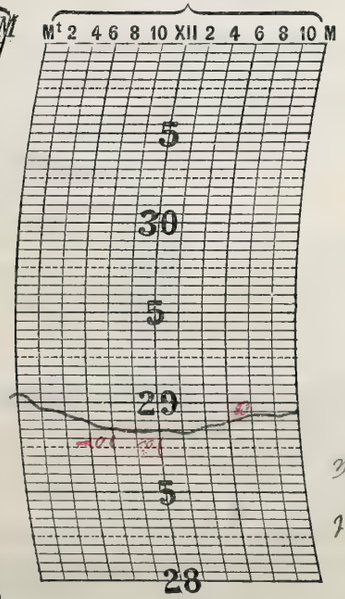
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 34.3 Wet temperature, 32.3
Dew-point, 29 R. humidity, 81 V. pressure, .157
Clouds: Amount, 10; Kind, St.; Direction, NW
Velocity of clouds (miles per hour)

THERMOGRAPH.



BAROGRAPH.



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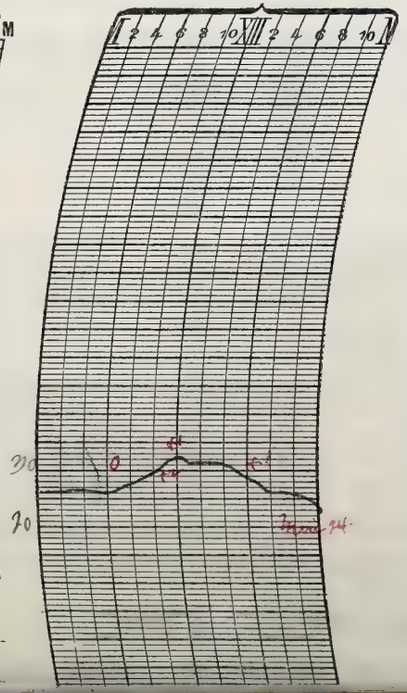


NOTES.

The Central Office ordered noon Special (75th Meridian time), which was taken and telegraphed

Cloudy and unpleasant weather, with precipitation in the forenoon

Prepared by
Verified by

Form No. 1017 M.O.W.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind, (Day of week) Tuesday, (Date) February 24, 1920

Time (local standard) 90 mer. normal time

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	22	22	22	22	22	22	23	23	23	24	23	23
State of weather: Nature of precipitation and time of beginning and ending								5m B 755	–	–	–	–
Amounts of precipitation												
Cloudiness and other conditions												
Sunshine (in tenths of hours)							0	0	0	0	0	0
Wind direction	NW	NW	W	W	NW	NW	W	NW	NW	NW	W	NW
Wind movement	9	8	6	6	7	6	7	6	8	7	9	8

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	23	24	25	24	24	23	23	22	21	20	20	19
State of weather: Nature of precipitation and time of beginning and ending	–	–	–	–	5m E 410		5m B 620	5m E 730				
Amounts of precipitation												
Cloudiness and other conditions												
Sunshine (in tenths of hours)	0	0	0	0	0	0						
Wind direction	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	W
Wind movement	8	11	8	9	9	9	7	8	8	9	8	8

Cloudy

Sunrise: Time, 6:23 Character, Cloudy

Moonrise: 843 am

Sunset: Time, 5:26 Character, Cloudy

Moonset: 11:01 P.M.

Maximum velocities (exceeding 24 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
25	19	22	

Total depth of snow for 24 hours ending 7 p. m., 0.1 inches.

Snow, sleet, and hail on ground 7 p. m., T inches.

Total snowfall, midnight to midnight, 0.1 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0.1 ins.

Total precipitation, midnight to midnight, 0.1 inches.

Character of day, Cloudy Moon phase,

Average daily cloudiness (0-10), 10

Actual sunshine, hours, 0 Possible sunshine, hours, 11.0

Per cent of possible sunshine, 0

Prevailing wind direction, NW Total wind 189

Average hourly velocity, 7.9 Extreme velocity, 14

Maximum velocity, 13 Direction, NW

Time began, 1:18 P.M.

Reduced barometer, 29.91 7 a. m. 29.89 7 p. m.

River gage, 3.6 feet

Relative humidity, 66 7 a. m. 80 7 p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

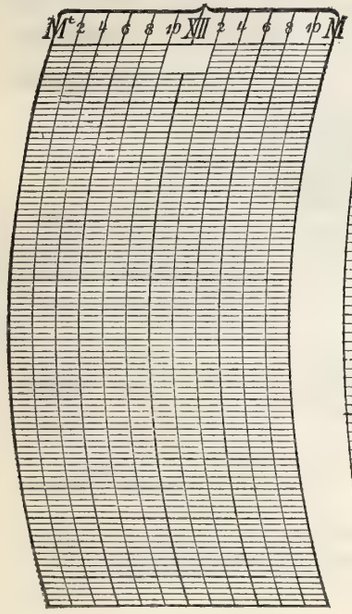
Dry temperature, 24 Wet temperature, 22.3

Dew-point, 19 R. humidity, 78 V. pressure, .098

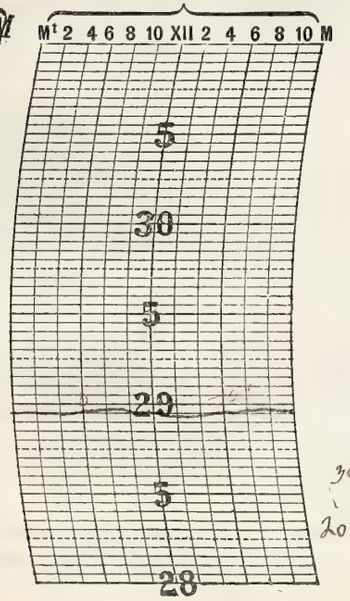
Clouds: Amount, 10; Kind, Nb; Direction, NW

Velocity of clouds (miles per hour)

THERMOGRAPH.



BAROGRAPH.



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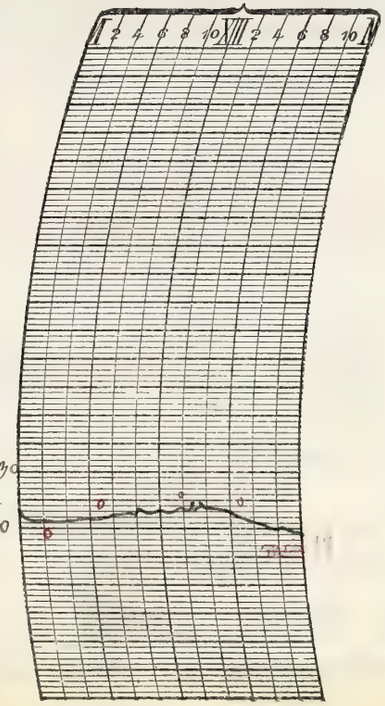


NOTES.

Estimated

Cool and Cloudy, with snow flurries

Prepared by
Verified by } C. M. McDonough

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind, (Day of week) Wednesday, (Date) February 25, 1920

Time (local standard) 90th mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	18	18	18	18	18	18	18	17	18	19	17	20
State of weather: Nature of precipitation and time of beginning and ending				5m B D.N.	—	—	—	—	5m E 8:30		5m B. 10:20	5m E 11:25 5m B 11:46
Amounts of precipitation												
Cloudiness and other conditions											Cloudy	

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	23	22	22	21	20	19	20	17	16	14	13	12
State of weather: Nature of precipitation and time of beginning and ending	5m E 12:15			5m B 3:35 5m E 3:55		5m B 5:20 5m E 6:00		5h B. 7:50	—	5h E 9:15		
Amounts of precipitation												
Cloudiness and other conditions												

Sunrise: Time, 6:21; Character, Cloudy. Moonrise: 9:25 am

Sunset: Time, 5:27; Character, Cloudy. Moonset: — — —

	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Sunshine (in tenths of hours)							0	0	0	0.2	0.1	0.5
Wind direction	W	W	W	W	W	W	W	W	W	W	NW	NW
Wind movement	8	9	8	8	9	9	9	10	10	12	10	10
Maximum velocities (exceeding 29 miles) direction and time												

	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Sunshine (in tenths of hours)	0.6	0.7	0.7	0	0	0						
Wind direction	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW
Wind movement	9	11	10	10	11	12	9	9	8	9	9	8
Maximum velocities (exceeding 29 miles) direction and time												

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

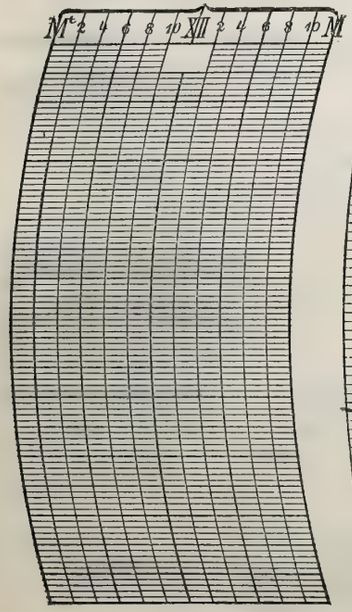
Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
23	12	18	

Total depth of snow for 24 hours ending 7 p. m., 0.1 inches.
Snow, sleet, and hail on ground 7 p. m., T inches.
Total snowfall, midnight to midnight, 0.1 inches.
Precipitation to 7 a. m., 0.1 ins.; to 7 p. m., T ins.
Total precipitation, midnight to midnight, 0.1 inches.
Character of day, Cloudy. Moon phase, ____
Average daily cloudiness (0-10), 9
Actual sunshine, hours, 1.8. Possible sunshine, hours, 11.1
Per cent of possible sunshine, 16
Prevailing wind direction, NW. Total wind 227
Average hourly velocity, 9.5. Extreme velocity, 16
Maximum velocity, 16. Direction, NW
Time began, 5:07 p.m.
Reduced barometer, 29.89 7 a. m. 29.97 7 p. m.
River gage, 5.6 ft
Relative humidity, 82 7 a. m. 77 7 p. m.

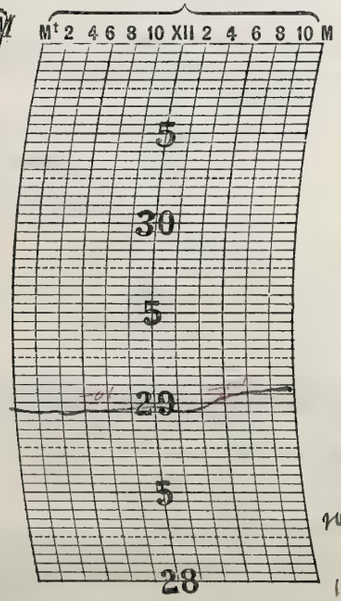
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature 21.5. Wet temperature, 18.1
Dew-point, 8. R. humidity, 52. V. pressure, .057
Clouds: Amount, 9; Kind, St Cu.; Direction, NW
Velocity of clouds (miles per hour) ____

THERMOGRAPH.



BAROGRAPH.



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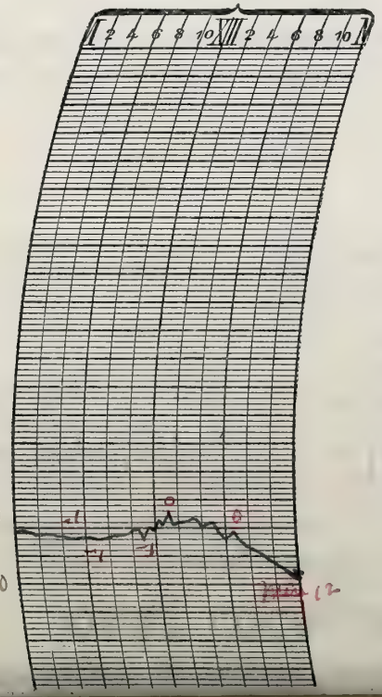


Prepared by P. McDonough
Verified by

NOTES.

Cloudy, cold and disagreeable weather, with frequent snow flurries. Sunshine through rifts in clouds.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Thursday, (Date) February 26, 1920

Time (local standard). 90th mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	11	11	10	11	8	5	5	8	10	12	13	16
State of weather: Nature of precipitation and time of beginning and ending												sl. B 11:55
Amounts of precipitation												
Cloudiness and other conditions						L	Clear			X	Ptcldy	
Sunrise: Time, Character,	6:20 Clear											
Moonrise:	10:13 am											
Sunshine (in tenths of hours)							0.67 0	0.6 0.4	10	10	10	10
Wind direction	NW	NW	NW	NW	NW	NW	NW	NW	N	NW	NW	NW
Wind movement	6	7	7	8	8	9	9	8	10	9	10	12
Maximum velocities (exceeding 29 miles) direction and time												

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	17	18	17	16	15	14	14	13	13	12	12	11
State of weather: Nature of precipitation and time of beginning and ending	sl. E 12:04	sl. B 1:07 sl. E 1:15	sl. B 2:30	sl. E 3:10								
Amounts of precipitation												
Cloudiness and other conditions					X		Clear					
Sunset: Time, Character,									5:28 Clear			
Moonset:									12:08 am			
Sunshine (in tenths of hours)	06	03	06	04	0.9 0.1	0.47 0						
Wind direction	NW	W	NW	NW	NW	NW	NW	W	W	W	W	SW
Wind movement	11	12	13	13	14	12	11	10	10	7	8	7
Maximum velocities (exceeding 29 miles) direction and time												

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
18	5	12	

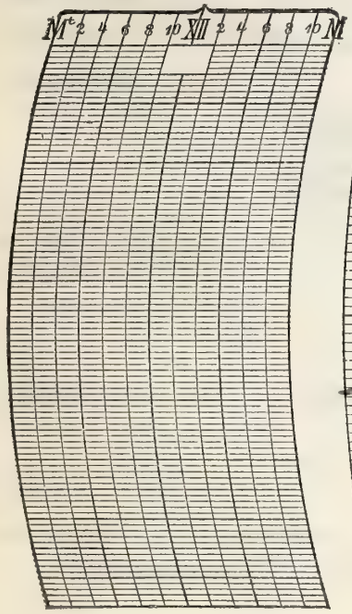
Total depth of snow for 24 hours ending 7 p. m., T inches.
Snow, sleet, and hail on ground 7 p. m., T inches.
Total snowfall, midnight to midnight, T inches.
Precipitation to 7 a. m., T ins.; to 7 p. m., T ins.
Total precipitation, midnight to midnight, T inches.
Character of day, Pt. Cloudy Moon phase, First Quarter 5:50 am
Average daily cloudiness (0–10), 7.4
Actual sunshine, hours, 9.0 Possible sunshine, hours, 11.1
Per cent of possible sunshine, 81
Prevailing wind direction, NW Total wind 231
Average hourly velocity, 9.6 Extreme velocity, 21
Maximum velocity, 18 Direction, NW
Time began, 3:23 p.m.
Reduced barometer, 30.08 7 a. m. 30.29 7 p. m.
River gage, 3.4 fall
Relative humidity, 82 7 a. m. 40 7 p. m.

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

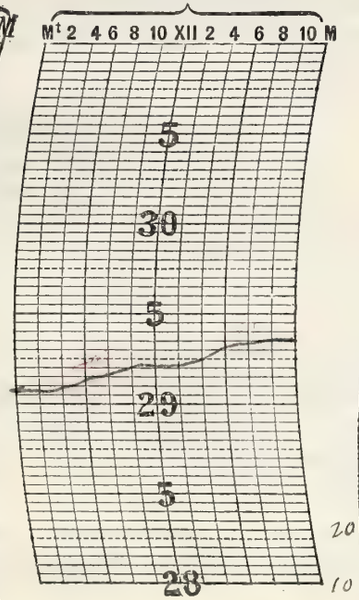
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 15.0 Wet temperature, 12.1
Dew-point, 0 R. humidity, 49 V. pressure, .038
Clouds: Amount, 7; Kind, Cu.; Direction, NW
Velocity of clouds (miles per hour)

THERMOGRAPH.



BAROGRAPH.



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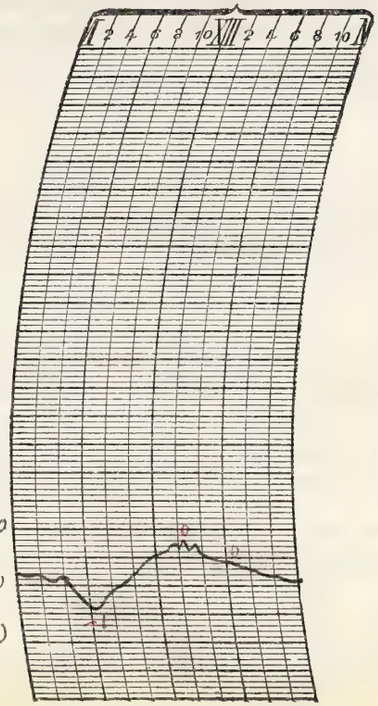


NOTES.

Cold and partly cloudy, with snow flurries.

Prepared by
Verified by P. McDonough

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind, (Day of week) Friday, (Date) February 27, 1920

Time (local standard): 90th mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	10	10	10	9	9	8	8	11	14	17	19	23
Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions			1 — Clear							7 — Partly Cloudy		
Sunrise: Time, Character	6:19 Clear											
Moonrise	11:07 am											
Sunshine (in tenths of hours)							0.68 0	0.7 0.2	1.0	1.0	1.0	1.0
Wind direction	SW	W	W	W	W	SW	W	W	W	W	SW	W
Wind movement	8	7	9	8	8	8	7	10	10	10	11	10

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	24	25	26	26	26	25	25	24	25	25	26	26
Nature of precipitation and time of beginning and ending							SM B 630			SM E 945		
Amounts of precipitation												
Cloudiness and other conditions						7 — Cloudy					7	
Sunset: Time, Character									5:29 Cloudy			
Moonset									1:12 am			
Sunshine (in tenths of hours)	1.0	1.0	0.8	0.2	0	0						
Wind direction	SW	SW	SW	SW	SW	SW	SW	SW	S	S	S	S
Wind movement	12	11	12	9	9	9	8	8	7	7	9	8

State of weather.

Maximum velocities (exceeding 29 miles) direction and time

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
27	8	18	

Total depth of snow for 24 hours ending 7 p. m., T inches.
Snow, sleet, and hail on ground 7 p. m., T inches.
Total snowfall, midnight to midnight, T inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., T ins.
Total precipitation, midnight to midnight, T inches.
Character of day, Pt. Cloudy Moon phase,
Average daily cloudiness (0-10), 5
Actual sunshine, hours, 8.6 Possible sunshine, hours, 11.2
Per cent of possible sunshine, 77
Prevailing wind direction, SW Total wind 215
Average hourly velocity, 9.0 Extreme velocity, 15
Maximum velocity, 14 Direction, SW
Time began, 2:01 PM.
Reduced barometer, 30.34 7 a. m. 30.26 7 p. m.
River gage, 3.2 feet
Relative humidity, 72 7 a. m. 63 7 p. m.

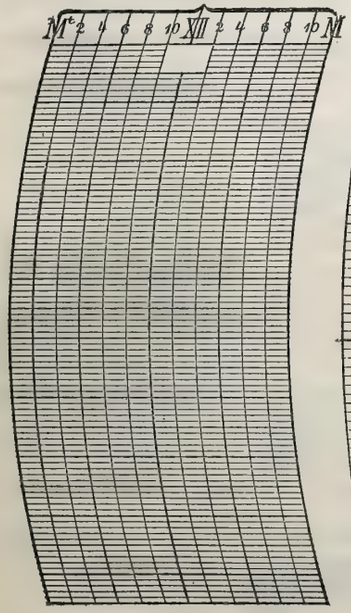
Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

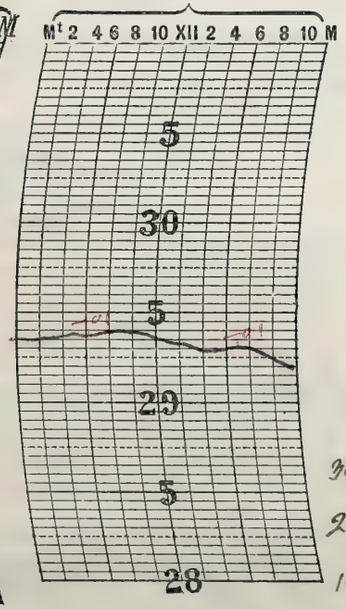
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 20.0 Wet temperature, 15.8
Dew-point, 1.6 R. humidity, 39 V. pressure 040
Clouds: Amount, 1; Kind, Pc; Direction, NW
Velocity of clouds (miles per hour)

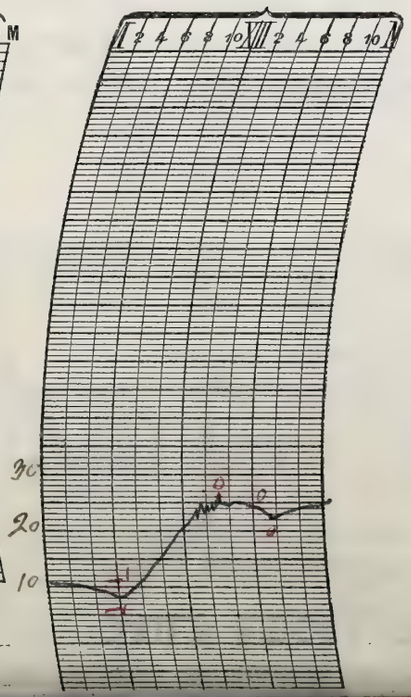
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

Clear and cold in the early morning, but increasing cloudiness and rising temperature during the day, with snow flurries from 6:30 pm to 9:00 pm.

Prepared by J. P. McDonald
Verified by

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind, (Day of week) Saturday, (Date) February 28, 1920

Time (local standard) 90th mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	27	28	28	27	29	29	29	28	26	26	30	32
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions				(-	Cloudy			—	X	—	Pt.	Cloudy
Sunshine (in tenths of hours)							0	0	0.5	0	0.9	1.0
Wind direction	S	S	SW	SW	SW	SW	SW	SW	W	W	W	W
Wind movement	9	10	11	10	11	11	12	12	17	16	15	15

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	30	29	29	29	26	25	25	24	23	22	22	20
State of weather: Nature of precipitation and time of beginning and ending					sm B 440	- -	- -	- -	sm E 830			
Amounts of precipitation												
Cloudiness and other conditions	—		X	—		Cloudy		—	7			
Sunshine (in tenths of hours)	0.9	0.7	0.7	0	0	0						
Wind direction	W	W	W	W	NW	NW	NW	NW	NW	NW	NW	NW
Wind movement	17	15	14	13	10	11	9	10	11	11	10	9

Sunrise: Time, 6:17; Character, Cloudy. Moonrise: 12:08 pm

Sunset: Time, 5:31; Character, Cloudy. Moonset: 2:11 am

Maximum velocities (exceeding 29 miles) direction and time.

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

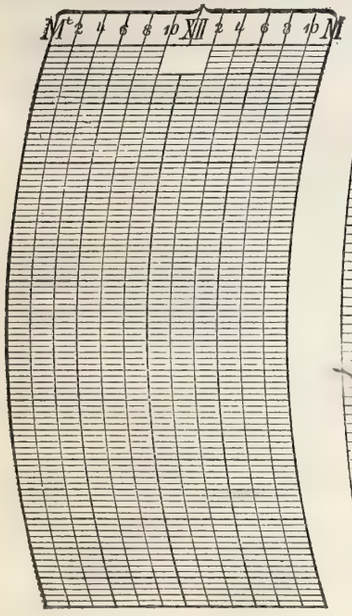
Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
32	20	26	

Total depth of snow for 24 hours ending 7 p. m., T inches.
Snow, sleet, and hail on ground 7 p. m., T inches.
Total snowfall, midnight to midnight, T inches.
Precipitation to 7 a. m., T ins.; to 7 p. m., T ins.
Total precipitation, midnight to midnight, T inches.
Character of day, Pt. Cloudy Moon phase,
Average daily cloudiness (0-10), 7
Actual sunshine, hours, 3.7 Possible sunshine, hours, 11.2
Per cent of possible sunshine, 33
Prevailing wind direction, W-NW Total wind 289
Average hourly velocity, 12.0 Extreme velocity, 19
Maximum velocity, 18 Direction, W
Time began, 11:28 am
Reduced barometer, 29.97 7 a. m. 30.07 7, p. m.
River gage, 3.4 ft
Relative humidity, 83 a. m. 62 p. m.

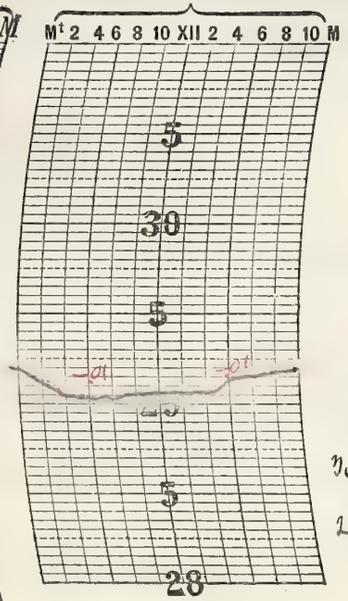
OBSERVATIONS AT 12 NOON. (Local Mean Time.)

Dry temperature, 31.4 Wet temperature, 26.7
Dew-point, 18 R. humidity, 52 V. pressure, .193
Clouds: Amount, 5; Kind, Cu; Direction, NW
Velocity of clouds (miles per hour)

THERMOGRAPH.



BAROGRAPH.



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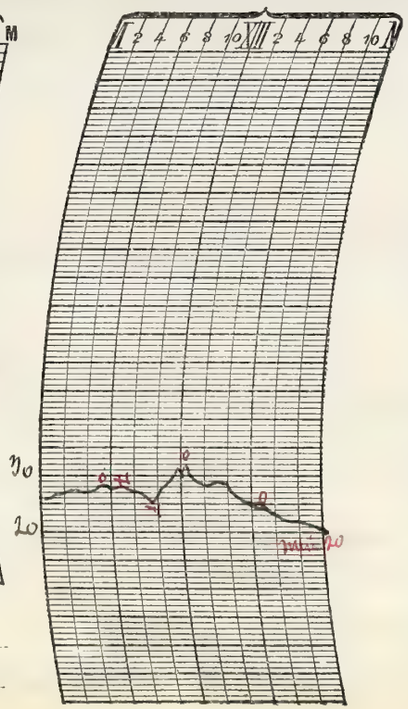


NOTES.

Moderate temperature and generally partly cloudy weather with snow flurries from 4:40 pm to 8:30 pm

Prepared by
Verified by } P. McDonough

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind, (Day of week) Sunday, (Date) February 29, 1920.

Time (local standard) 90th mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	19	18	17	16	16	17	17	17	20	21	22	22
State of weather: Nature of precipitation and time of beginning and ending											5	SL B 11:32 SL E 11:37
Amounts of precipitation												
Cloudiness and other conditions			L Cloudy				4	Clear			7	Pt. Cloudy
Sunshine (in tenths of hours)							0.75 0	0.4	1.0	1.0	0.4	0.7
Wind direction	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW
Wind movement	7	8	6	7	4	7	8	9	9	9	8	10

Sunrise: Time 6:15, Character Clear. Moonrise: 1:13 P.M.

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	22	23	24	25	24	23	23	21	21	21	21	20
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions			Pt. Cloudy		4		Clear			3		
Sunshine (in tenths of hours)	0.6	0.4	0.9	1.0	0.5	0						
Wind direction	NW	NW	W	W	W	W	W	W	W	W	W	SW
Wind movement	9	10	10	9	10	6	7	5	7	8	10	8

Sunset: Time 5:32, Character Clear. Moonset: Bore day

Maximum velocities (exceeding 29 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

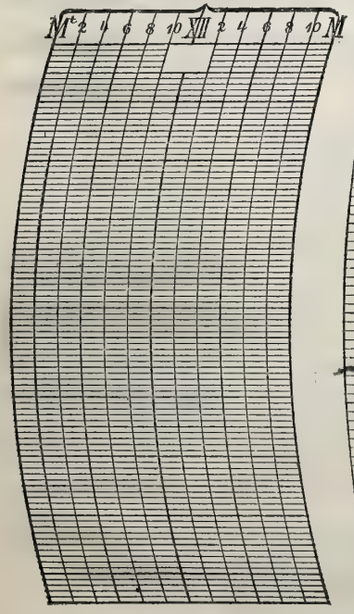
Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
25	16	20	

Total depth of snow for 24 hours ending 7 p. m., T inches.
Snow, sleet, and hail on ground 7 p. m., T inches.
Total snowfall, midnight to midnight, T inches.
Precipitation to 7 a. m., T ins.; to 7 p. m., T ins.
Total precipitation, midnight to midnight, T inches.
Character of day, Pt. Cloudy Moon phase,
Average daily cloudiness (0-10), 4
Actual sunshine, hours, 8.8 Possible sunshine, hours, 11.3
Per cent of possible sunshine, 78
Prevailing wind direction, NW Total wind 191
Average hourly velocity, 8.0 Extreme velocity, 14
Maximum velocity, 13 Direction, W
Time began, 2:18 P.M.
Reduced barometer, 30.20 7 a. m. 30.17 7 p. m.
River gage, 3.2 feet
Relative humidity, 7 a. m. 76 7 p. m.

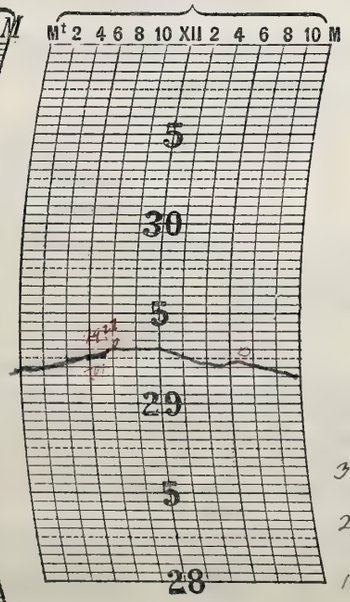
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 21.5 Wet temperature, 18.5
Dew-point, 10 R. humidity, 58 V. pressure, .063
Clouds: Amount, 8; Kind, Str-Cu; Direction, NW
Velocity of clouds (miles per hour)

THERMOGRAPH.



BAROGRAPH.



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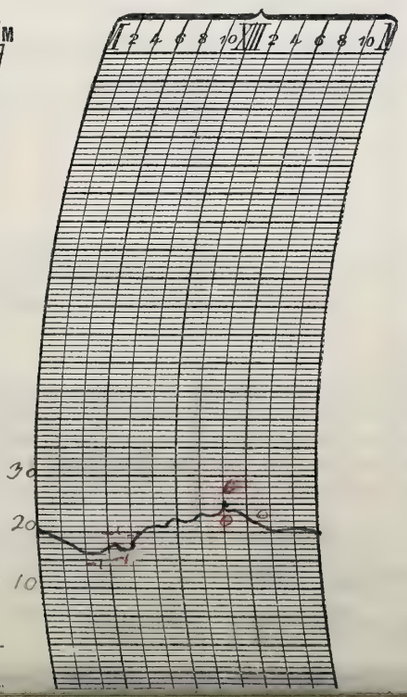


NOTES.

Partly Cloudy and inclinating weather; night clear

Prepared by
Verified by } P. McDonough

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind, (Day of week) Monday, (Date) March 1, 1920

Time (local standard) 90 mer. normal time.

	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	21	19	20	20	20	20	20	23	27	32	34	35
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions			Clear									
Sunshine (in tenths of hours)							0.75 0	0.4 0.6	1.0	1.0	1.0	1.0
Wind direction	SW	SW	SW	SW	SW	SW	SW	W	W	W	W	W
Wind movement	10	9	9	9	9	8	8	10	10	9	10	9

	P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	36	38	38	38	37	37	37	37	31	31	31	32
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions												
Sunshine (in tenths of hours)	1.0	1.0	1.0	1.0	0.2 0.8	0.53 0						
Wind direction	W	W	W	W	W	W	W	N	E	SE	SE	S
Wind movement	10	10	10	10	8	7	5	5	6	4	3	6

Sunrise: Time, 6:15 Character, Clear
Moonrise: 2:21 P.m.
Sunset: Time, 5:32 Character, Clear
Moonset: 3:51 am

Maximum velocities (exceeding 29 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

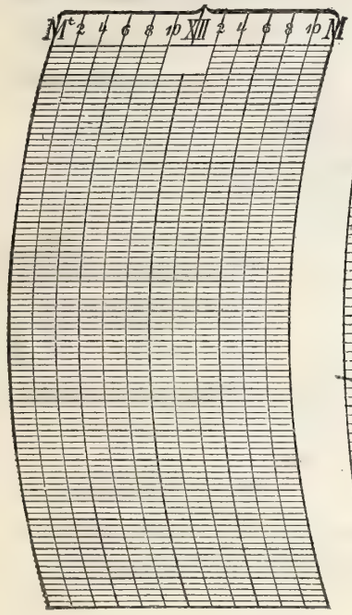
Excessive precipitation, accumulated amounts

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
39	19	29	

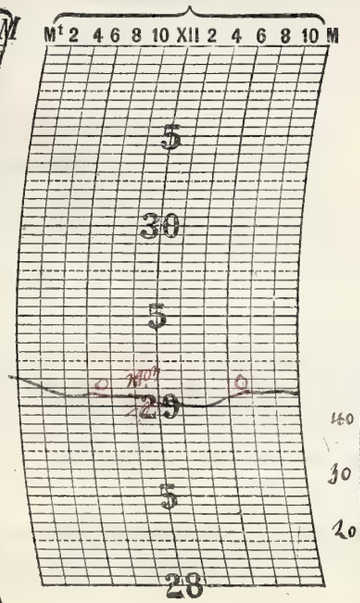
Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Clear Moon phase,
Average daily cloudiness (0–10), 0
Actual sunshine, hours, 11.3 Possible sunshine, hours, 11.3
Per cent of possible sunshine, 100
Prevailing wind direction, W Total wind 194
Average hourly velocity, 8.1 Extreme velocity, 12
Maximum velocity, 12 Direction, W
Time began, 11:43 am
Reduced barometer, 30.01 7 a. m. 29.60 7 p. m.
River gage, 3.0 feet
Relative humidity, 70 7 a. m. 45 7 p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)
Dry temperature, 35.0 Wet temperature, 29.6
Dew-point, 20 R. humidity, 51 V. pressure, 103
Clouds: Amount, 0; Kind, 0; Direction, 0
Velocity of clouds (miles per hour)

THERMOGRAPH.



BAROGRAPH.



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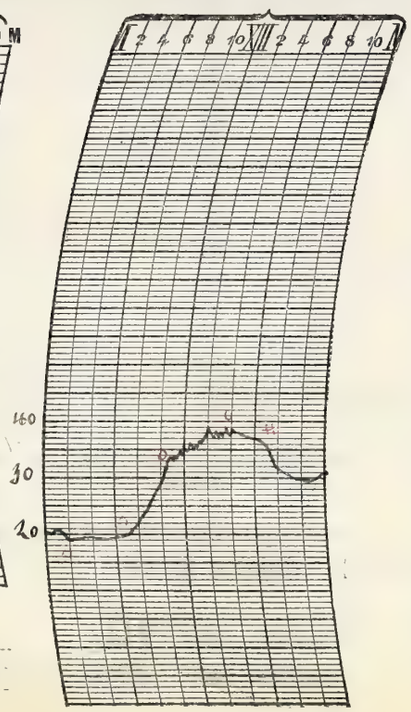


NOTES.

Clear and pleasant with bright moonlight at night

Prepared by
Verified by F. W. McAdoo

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind, (Day of week) Tuesday, (Date) March 2, 1920

Time (local standard). 90th mer. normal time.

	A. M.												P. M.											
	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	32	31	30	30	29	29	28	30	33	37	40	43	47	48	48	49	48	43	42	40	39	39	38	37
State of weather. Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions																								
Sunrise: Time, 6:14 Character, Clear																					Sunset: Time, 5:33 Character, Clear			
Moonrise: 3:30 pm																					Moonset: 4:31 am			
Sunshine (in tenths of hours)							0.77 0	0.6 0.4	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.2 0.8	2.55 0						
Wind direction	S	S	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW
Wind movement	7	9	10	10	10	11	11	12	13	12	13	12	12	14	15	14	11	8	8	7	9	8	9	8
Maximum velocities (exceeding 29 miles) direction and time																								

Clear

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
49	28	38 -	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Clear Moon phase,
Average daily cloudiness (0-10), 0
Actual sunshine, hours, 113 Possible sunshine, hours, 113
Per cent of possible sunshine, 100
Prevailing wind direction, SW Total wind 253
Average hourly velocity, 10.5 Extreme velocity, 17
Maximum velocity, 17 Direction, SW
Time began, 3:22 pm
Reduced barometer, 30.02 7 a. m. 30.09 7 p. m.
River gage, 3.0 ft
Relative humidity, 62 7 a. m. 45 7 p. m.

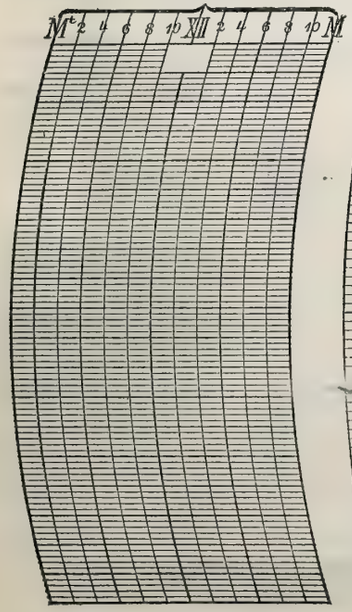
Total duration. From—	Total duration. To—	Total amount of precipitation.	Excessive rate. Began—	Excessive rate. Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

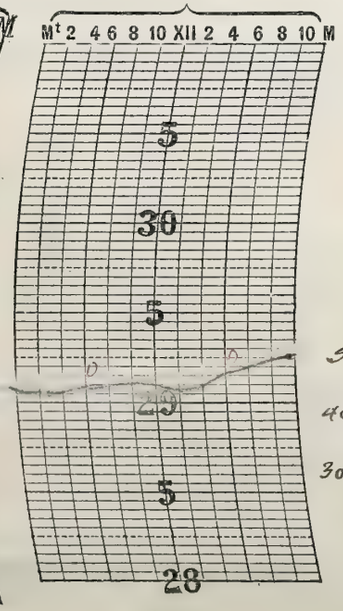
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 44.0 Wet temperature, 35.5
Dew-point, 23 R. humidity, 40 V. pressure, .118
Clouds: Amount, 0; Kind, 0; Direction, 0
Velocity of clouds (miles per hour)

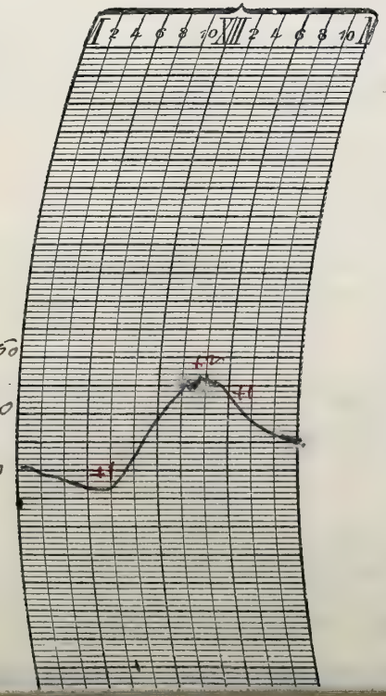
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

Clear and pleasant weather with bright moonlight at night

Prepared by
Verified by

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind, (Day of week) Wednesday, (Date) March 3, 1920

Time (local standard) 90 mer. normal time

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	36	35	35	35	37	37	37	39	42	43	47	51	51	50	50	50	49	47	45	44	46	45	46	45
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions				L-Cloudy									Pt. Cloudy								L-Cloudy			

Sunrise: Time 6:12, Character, Cloudy
Moonrise: 4:39 p.m.
Sunset: Time 5:34, Character, Cloudy
Moonset: 5:07 a.m.

	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Sunshine (in tenths of hours)							0	0.1	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.4	0						
Wind direction	SW	SW	S	S	S	S	S	S	S	S	S	S	S	S	SE	SE	SE	SE	SE	SE	SE	SE	SE	SE
Wind movement	8	8	8	7	6	8	5	8	8	8	11	12	13	14	12	10	7	6	7	7	9	9	9	13
Maximum velocities (exceeding 29 miles) direction and time																								

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

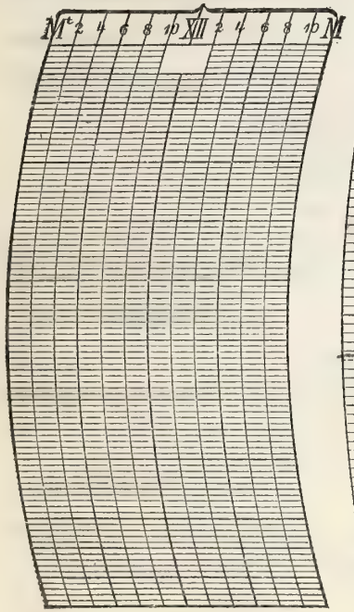
Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
52	35	44	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Pt. Cloudy. Moon phase,
Average daily cloudiness (0-10), 7
Actual sunshine, hours, 8.5 Possible sunshine, hours, 11.4
Per cent of possible sunshine, 75
Prevailing wind direction, SWith Total wind 213
Average hourly velocity, 8.9 Extreme velocity, 20
Maximum velocity, 19 Direction, S
Time began, 11:47 am
Reduced barometer, 30.24 7 a. m. 30.09 7 p. m.
River gage, 3.9 fect
Relative humidity, 69 7 a. m. 52 7 p. m.

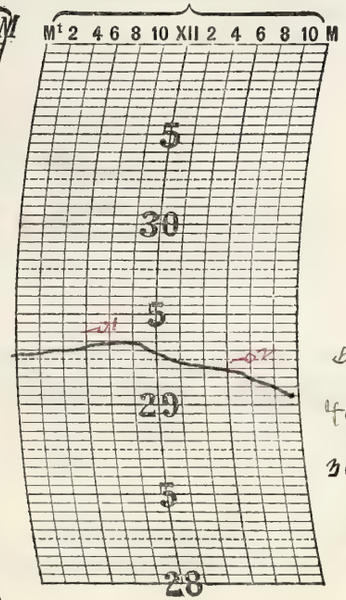
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 51.0 Wet temperature, 40.3
Dew-point, 26 R. humidity, 36 V. pressure, .136
Clouds: Amount, 7; Kind, Cirst; Direction, W
Velocity of clouds (miles per hour)

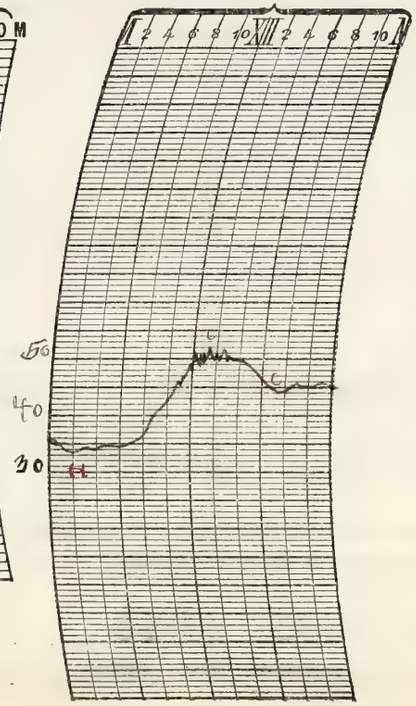
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

Generally partly cloudy, warm and pleasant weather during the day, with strato-cumulus clouds, from the south, in the early morning, the clouds changing to alto-stratus soon after the a. m. observation, and these clouds in turn changed to cirro-stratus about 10 am. the upper clouds moved from the west. The weather was threatening at night, with stratus, from the southeast, prevailing.

Prepared by
Verified by P. McDonough

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind, (Day of week) Thursday, (Date) March 4, 1920

Time (local standard) 90th mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	44	45	43	43	41	41	42	44	43	42	42	41
State of weather: Nature of precipitation and time of beginning and ending		R.B. 2.00	-	-	-	-	RE 6:25	R13 7:55	-	-	-	-
Amounts of precipitation												
Cloudiness and other conditions	Cloudy											
Sunrise: Time, 6.10 Character, Cloudy												
Moonrise: 5.45 P.M.												
Sunshine (in tenths of hours)							0	0	0	0	0	0
Wind direction	SE	SE	S	S	S	S	SE	S	S	S	S	S
Wind movement	14	12	13	12	10	12	11	15	13	13	14	13
Maximum velocities (exceeding 29 miles) direction and time												

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	42	42	42	43	43	43	3-	30	27	25	22	20
State of weather: Nature of precipitation and time of beginning and ending	-	-	-	-	-	-	-	RE 7:05 SN B 7:05	-	-	-	-
Amounts of precipitation												
Cloudiness and other conditions	Cloudy											
Sunset: Time, 5.35 Character, Cloudy												
Moonset: 5.40 am												
Sunshine (in tenths of hours)	0	0	0	0	0	0						
Wind direction	S	S	S	S	S	S	NW	NW	NW	NW	NW	NW
Wind movement	15	16	14	15	13	11	15	22	24	22	25	24
Maximum velocities (exceeding 29 miles) direction and time									30 NW 8 pm		33 NW 10:00 p.m.	30 NW 11:00 pm

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
45	20	32	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0.1 inches.
Precipitation to 7 a. m., .08 ins.; to 7 p. m., .70 ins.
Total precipitation, midnight to midnight, 0.79 inches.
Character of day, Cloudy Moon phase, Full Moon 3:13 PM
Average daily cloudiness (0-10), 10
Actual sunshine, hours, 0 Possible sunshine, hours, 11.0
Per cent of possible sunshine, 0
Prevailing wind direction, S Total wind 368
Average hourly velocity, 15.3 Extreme velocity, 34
Maximum velocity, 33 Direction, NW
Time began, 10:45 P.M.
Reduced barometer, 29.76 7 a. m. 29.60 7 p. m.
River gage, 6.0 feet
Relative humidity, 66 7 a. m. 83 7 p. m.

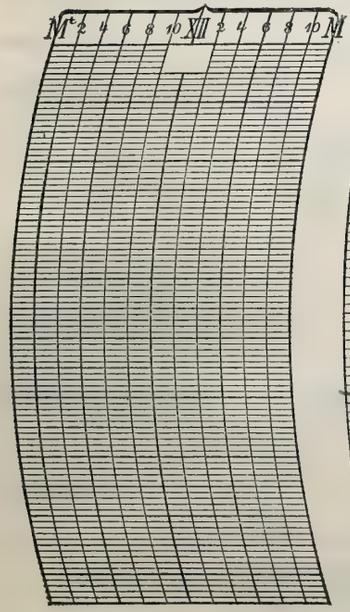
Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

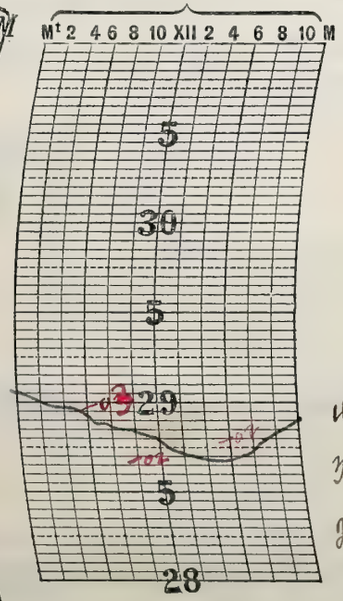
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 41.0 Wet temperature, 39.2
Dew-point, 37 R. humidity, 86 V. pressure, .219
Clouds: Amount, 10; Kind, Nb; Direction, S
Velocity of clouds (miles per hour)

THERMOGRAPH.



BAROGRAPH.



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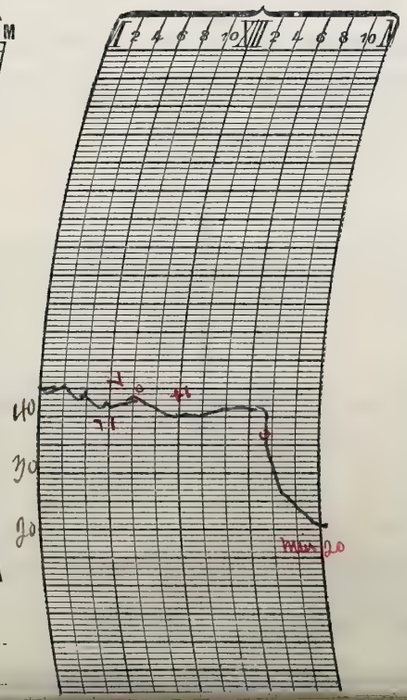


Prepared by J. P. McDonough
Verified by

8—486

NOTES.

A Cold wave warning, included in forecast, was received at 5:26 am.

The Central Office ordered one pm Special (noon 90th Meridian Time), which was taken and telegraphed.

Rain which began at 2 am, ended 6:25 am; began again at 7:55 am and continued during the day, turning to snow at 7:05 pm. The snow continued until after midnight. Moderate temperature, with little variability, until 6:30 pm when there occurred a decided change to colder.

The day as a whole was rather unpleasant.

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Friday, (Date) March 5, 1920.

Time (local standard), 90 mer. normal time

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	19	19	18	17	16	15	14	13	14	15	17	19	20	20	20	19	18	17	15	14	13	14	13	12
State of weather: Nature of precipitation and time of beginning and ending						Sm E 555														Sm E 709			D.N.	
Amounts of precipitation																								
Cloudiness and other conditions	7			Cloudy			Clear						Pt Cloudy					Clear			Cloudy		7	
Sunrise: Time, Character	629 Cloudy																				Sunset: Time, Character	536 Clear		
Moonrise	650 pm																				Moonset	6 AM		
Sunshine (in tenths of hours)							0	10	10	10	10	10	10	10	10	09	05 03	.60 0						
Wind direction	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	N	N	N
Wind movement	22	23	22	21	18	14	14	16	17	17	19	17	18	16	18	16	17	16	14	15	13	12	16	13
Maximum velocities (exceeding 29 miles) direction and time																								

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
21	12	16	

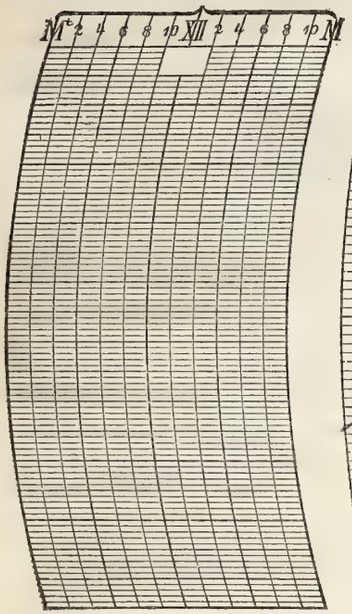
Total depth of snow for 24 hours ending 7 p. m., 02 inches.
Snow, sleet, and hail on ground 7 p. m., T inches.
Total snowfall, midnight to midnight, 01 inches.
Precipitation to 7 a. m., 02 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0.01 inches.
Character of day, Pt Cloudy Moon phase,
Average daily cloudiness (0-10), 4
Actual sunshine, hours, 10.3 Possible sunshine, hours, 11.4
Per cent of possible sunshine, 90
Prevailing wind direction, NW Total wind 404
Average hourly velocity, 16.0 Extreme velocity, 28
Maximum velocity, 36 Direction, NW
Time began, 1:58 am
Reduced barometer, 30.08 7 a. m. 30.25 7 p. m.
River gage, 11.6 feet
Relative humidity, 74 7 a. m. 58 p. m.

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

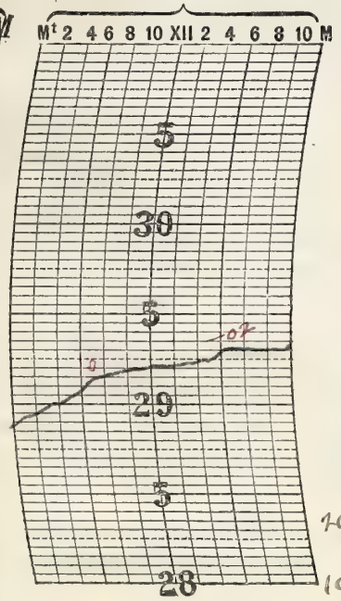
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 19.0 Wet temperature, 15.1
Dew-point, 1 R. humidity, 42 V. pressure, .040
Clouds: Amount, 6; Kind, St Cu; Direction, N
Velocity of clouds (miles per hour)

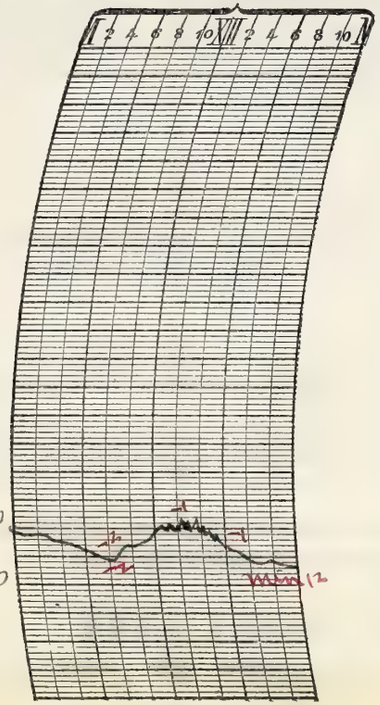
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES. Ø Estimated

The day was mostly partly cloudy, but with light snow in the early morning and snow flurries at night. It was intensely cold and unpleasant. The temperature fell decidedly during the preceding 24 hours, especially during the 12 hours preceding the morning observation. The lowest temperature reached was 13°, partially verifying the cold wave warning of the preceding day, but fully verifying it in so far as conditions affected the personal comfort of the public.

Prepared by
Verified by P. McDonough

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Saturday, (Date) March 6, 1920

Time (local standard) 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	11	10	10	10	11	13	13	14	14	15	16	17
State of weather: Nature of precipitation and time of beginning and ending				Sk B. Dr.	-	-	Sk E 630				Sk B 1025 Sk E 1056	
Amounts of precipitation												
Cloudiness and other conditions											Cloudy	
Sunshine (in tenths of hours)							0	0	0	0	0	0.4
Wind direction	N	N	N	N	NW	NW	NW	NW	NW	NW	NW	NW
Wind movement	12	8	6	5	4	7	9	9	8	9	10	10

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	19	19	18	18	17	17	16	15	15	15	13	13
State of weather: Nature of precipitation and time of beginning and ending										Sk 15 909	-	-
Amounts of precipitation												
Cloudiness and other conditions												
Sunshine (in tenths of hours)	0.1	0	0	0.1	0	0						
Wind direction	NW	W	NW	NW	NW	NW	NW	NW	W	W	W	W
Wind movement	12	13	14	12	13	11	10	9	13	10	8	9

Sunrise: Time, 607; Character, Cloudy

Moonrise: 755 p.m.

Sunset: Time, 537; Character, Cloudy

Moonset: 642 a.m.

Maximum velocities (exceeding 29 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
19	10	14	

Total depth of snow for 24 hours ending 7 p. m., T inches.

Snow, sleet, and hail on ground 7 p. m., T inches.

Total snowfall, midnight to midnight, T inches.

Precipitation to 7 a. m., T ins.; to 7 p. m., T ins.

Total precipitation, midnight to midnight, T inches.

Character of day, Cloudy Moon phase,

Average daily cloudiness (0-10), 9

Actual sunshine, hours, 0.6 Possible sunshine, hours, 115

Per cent of possible sunshine, 5

Prevailing wind direction, NW Total wind 231

Average hourly velocity, 9.6 Extreme velocity, 15

Maximum velocity, 15 Direction, W

Time began, 1:35 P.M.

Reduced barometer, 30.26 7 a. m. 30.25 7 p. m.

River gage, 123 feet

Relative humidity, 77 7 a. m. 40 7 p. m.

OBSERVATIONS AT 12 NOON. (Local Mean Time.)

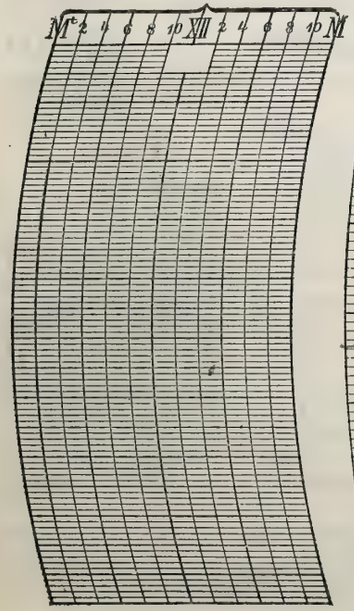
Dry temperature, 16.9 Wet temperature, 13.0

Dew-point, -3 R. humidity, 36 V. pressure, .032

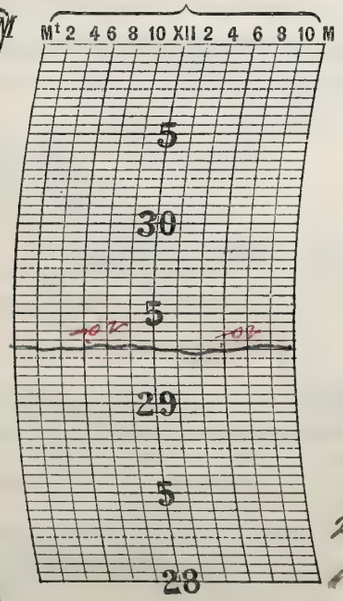
Clouds: Amount, 8; Kind, Stratus; Direction, NW

Velocity of clouds (miles per hour)

THERMOGRAPH.



BAROGRAPH.



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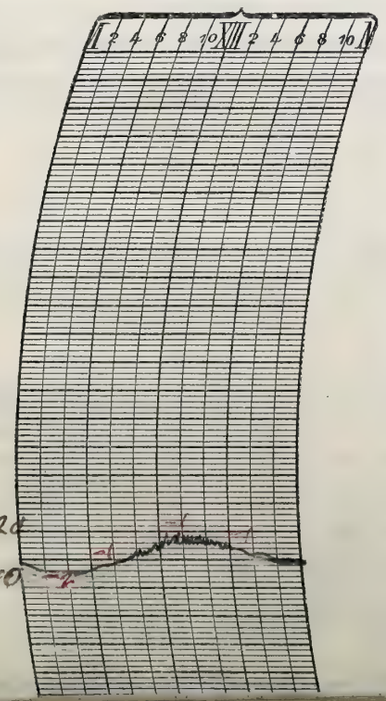


NOTES.

Cloudy, cold, and disagreeable weather with some snow flurries in the forenoon and late night.

Prepared by

Verified by J. P. McDonough

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Sunday, (Date) March 7, 1920

Time (local standard) 90th mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	13	12	11	9	7	7	8	7	8	10	10	12
State of weather: Nature of precipitation and time of beginning and ending	--	--	sd E D.N		sd B D.N	sd E						
Amounts of precipitation												
Cloudiness and other conditions		?	—	Cloudy			X	—			Pt Cloudy	
Sunshine (in tenths of hours)							0	0.1	1.0	1.0	1.0	1.0
Wind direction	W	W	W	W	W	W	W	W	W	W	W	W
Wind movement	11	11	9	10	9	8	7	8	15	15	17	17

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	12	14	15	15	15	14	14	13	13	13	12	12
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions					X	—	Clear				?	?
Sunshine (in tenths of hours)	1.0	1.0	1.0	1.0	0.3 0.5	0.6 0.5 0						
Wind direction	W	W	W	W	SW	SW	SW	SW	SW	SW	SW	SW
Wind movement	18	18	17	18	18	16	14	14	13	16	14	15

Sunrise: Time, 6:06; Character, Cloudy

Moonrise: 7:56 pm

Sunset: Time, 5:39; Character, Clear

Moonset: 7:13 am

Maximum velocities (exceeding 24 miles) direction and time

Excessive precipitation, accumulated amounts

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
16	7	12	

Total depth of snow for 24 hours ending 7 p. m., T inches.

Snow, sleet, and hail on ground 7 p. m., T inches.

Total snowfall, midnight to midnight, T inches.

Precipitation to 7 a. m., T ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, T inches.

Character of day, Pt. Cloudy Moon phase,

Average daily cloudiness (0-10), 5

Actual sunshine, hours, 9.6 Possible sunshine, hours, 11.6

Per cent of possible sunshine, 83

Prevailing wind direction, W Total wind 328

Average hourly velocity, 13.7 Extreme velocity, 25

Maximum velocity, 22 Direction, W

Time began, 11:37 am.

Reduced barometer, 30.[illegible] 7 a. m. 30.41 7 p. m.

River gage, 10.2 fall

Relative humidity, 72 7 a. m. 63 7 p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

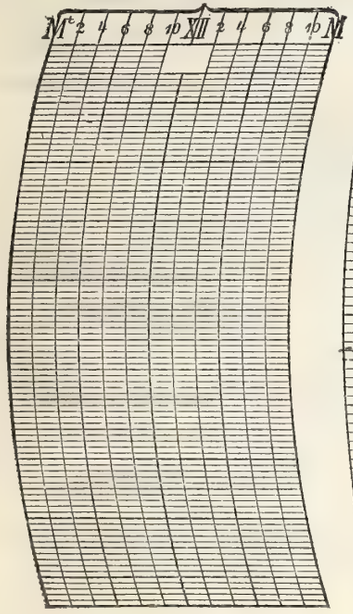
Dry temperature, 11.6 Wet temperature, 10.2

Dew-point, 5 R. humidity, 72 V. pressure, .049

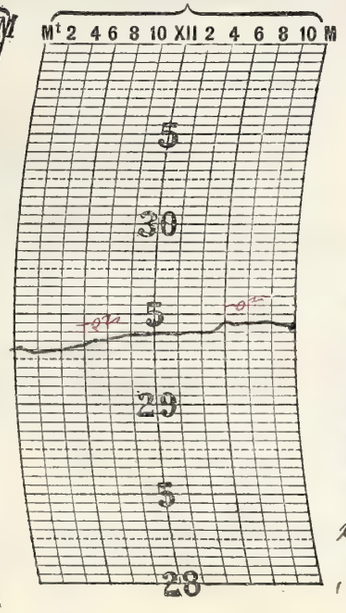
Clouds: Amount, 6; Kind, St Cu; Direction, W

Velocity of clouds (miles per hour)

THERMOGRAPH.



BAROGRAPH.



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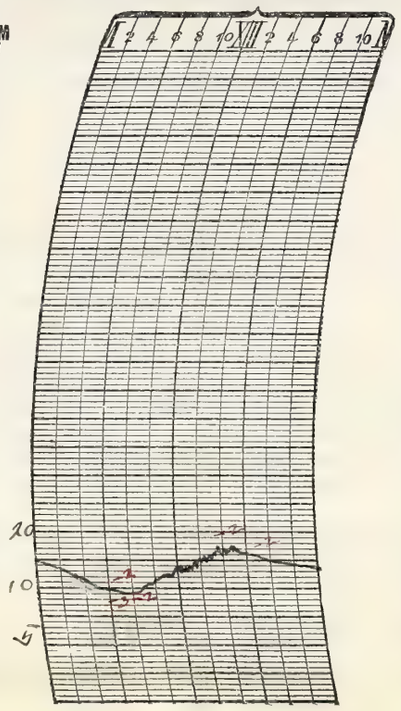


NOTES.

Partly cloudy and unpleasantly cold, with penetrating western wind

Prepared by 7

Verified by P. McDonough

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Monday, (Date) March 8, 1920

Time (local standard) 90th mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	13	10	10	10	12	13	12	16	17	22	26	28
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions			7	7 Cloudy		7	Pt. Cloudy		7	Cloudy		
Sunshine (in tenths of hours)							0	0.5	0.9	1.0	0.9	0.6
Wind direction	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW
Wind movement	16	14	14	15	15	17	18	20	25	26	26	27
Maximum velocities (exceeding 29 miles) direction and time									30 SW 8:48	33 SW 9:25	32 SW 10:34	34 SW 11:30

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	29	31	33	32	33	32	32	31	31	32	31	30
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions					7	Pt. Cloudy	7	Clear	7	Cloudy		7
Sunshine (in tenths of hours)	0.2	0.2	0.6	0.2	0	0						
Wind direction	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW
Wind movement	28	27	27	25	21	16	12	10	13	14	12	11
Maximum velocities (exceeding 29 miles) direction and time	31 SW 12:08	30 SW 1:28	35 SW 2:20									

Sunrise: Time, 6:04 Character, Cloudy

Moonrise: 9:56 P.m.

Sunset: Time, 5:40 Character, Cloudy

Moonset: 7:45 am

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
33	10	22	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow, sleet, and hail on ground 7 p. m., T inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Pt. Cloudy Moon phase,

Average daily cloudiness (0-10), 7

Actual sunshine, hours, 4.7 Possible sunshine, hours, 11.6

Per cent of possible sunshine, 44

Prevailing wind direction, SW Total wind 449

Average hourly velocity, 18.7 Extreme velocity, 26

Maximum velocity, 35 Direction, SW

Time began, 2:20 P.M.

Reduced barometer, 30.21 7 a. m. 30.18 7 p. m.

River gage, 9.5 Pele

Relative humidity, 68 7 a. m. T 7 p. m.

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

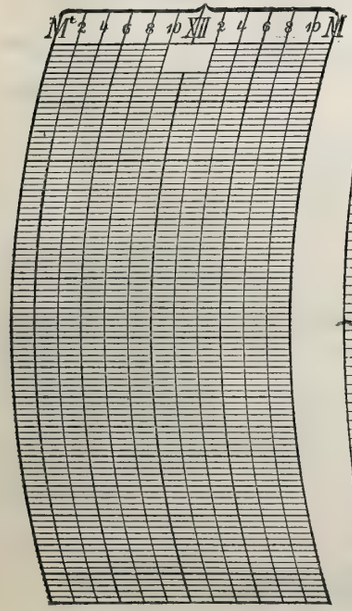
Dry temperature, 27.7 Wet temperature, 22.4

Dew-point, 9 R. humidity, 40 V. pressure, .060

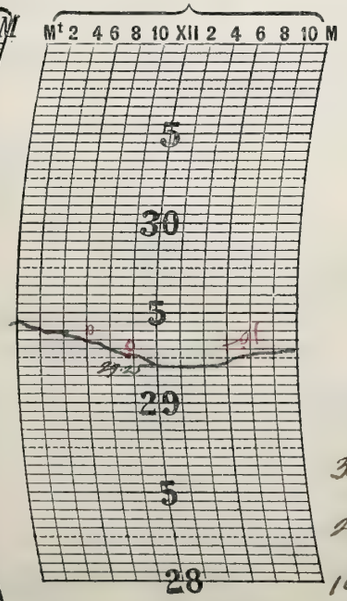
Clouds: Amount, 9; Kind, Cst.; Direction, W.

Velocity of clouds (miles per hour)

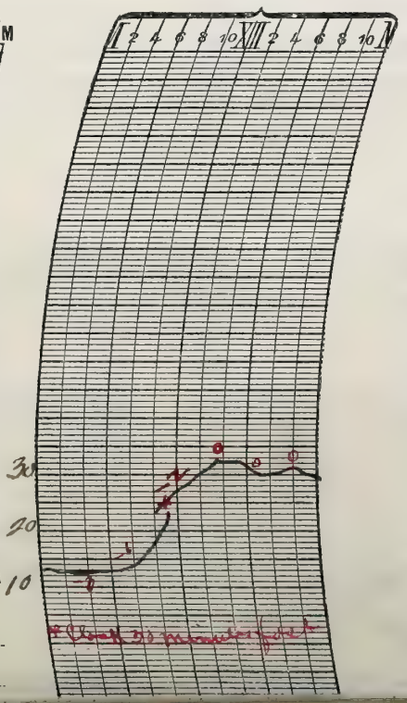
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

Generally partly cloudy weather with moonlight through thin clouds in the early morning. Cold in the early hours of the morning, but the temperature moderated considerably during the day, but owing to penetrating brisk southwest winds the weather was disagreeable, especially after the p.m. observation.

Prepared by P. McDonough

Verified by

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Tuesday, (Date) March 9, 1920

Time (local standard) 90th mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	29	28	28	28	28	29	30	33	36	40	43	45
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions					L— Pt Cloudy —→ L							
Sunshine (in tenths of hours)							0	0.2	0.6	1.0	1.0	1.0
Wind direction	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW
Wind movement	12	10	12	14	13	12	14	16	20	20	24	25
Maximum velocities (exceeding 22 miles) direction and time												

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	48	49	50	50	47	45	44	42	41	41	41	39
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions			Clear				X Pt Cloudy					?
Sunshine (in tenths of hours)	1.0	1.0	1.0	0.9	0.3 / 0.7	0.88 / 0						
Wind direction	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW
Wind movement	30	29	27	24	23	22	17	14	15	15	17	17
Maximum velocities (exceeding 22 miles) direction and time	31 SW 1.14	32 SW 1.37	30 SW 2.37									

Sunrise: Time, 6.02; Character, Cloudy. Moonrise: 10.54 p.m.

Sunset: Time, 5.41; Character, Clear. Moonset: 8.21 a.m.

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
50	28	39	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Clear. Moon phase,
Average daily cloudiness (0–10), 2
Actual sunshine, hours, 9.4. Possible sunshine, hours, 11.6
Per cent of possible sunshine, 81
Prevailing wind direction, SW. Total wind 442
Average hourly velocity, 18.4. Extreme velocity, 33
Maximum velocity, 32. Direction, SW
Time began, 1.37 p.m.
Reduced barometer, 30.24 7 a. m. 30.09 7 p. m.
River gage, 8.6 feet
Relative humidity, 84 7 a. m. 64 7 p. m.

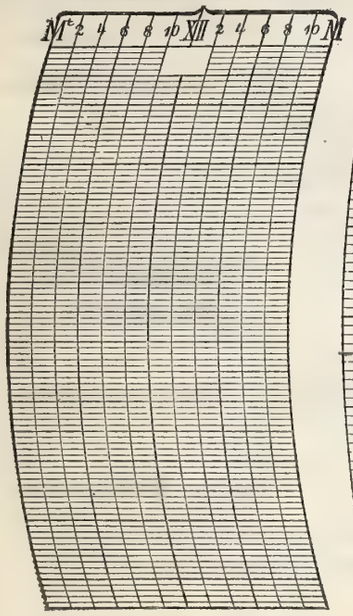
Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

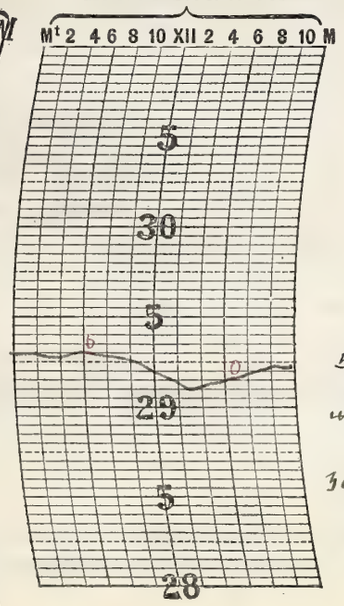
OBSERVATIONS AT 12 NOON. (Local Mean Time.)

Dry temperature, 44.8. Wet temperature, 37.1
Dew-point, 26. R. humidity, 47. V. pressure, 136
Clouds: Amount, 0; Kind, 0; Direction, 0
Velocity of clouds (miles per hour)

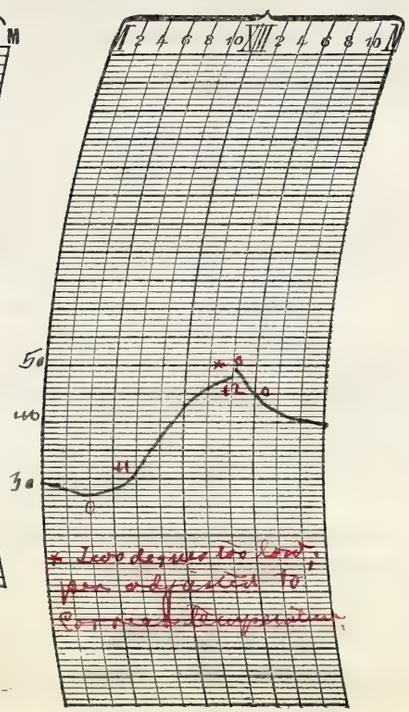
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



* Two degrees too low; was adjusted to correct temperature.

NOTES.

Generally clear and moderately warm, with brisk southwest winds.

Prepared by
Verified by F. M. McDonough

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Wednesday, (Date) March 10, 1920.

Time (local standard). 90th mer. normal time

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	38	38	38	38	39	40	40	42	43	44	47	48
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions		?	L-Cloudy-H-Foggy									
Sunshine (in tenths of hours)							0	0	0	0	0	0
Wind direction	SW	SW	SW	SW	SW	SW	SW	S	S	S	S	S
Wind movement	14	14	11	9	4	5	5	7	9	9	8	7

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	49	49	49	48	47	47	46	46	46	47	47	46
State of weather: Nature of precipitation and time of beginning and ending				RB 300	--	--	--	--	--	--	--	--
Amounts of precipitation												
Cloudiness and other conditions	Cloudy											
Sunshine (in tenths of hours)	0	0	0	0	0	0						
Wind direction	S	S	S	S	S	S	S	S	S	S	S	S
Wind movement	9	7	8	6	6	10	9	10	11	11	12	9

Sunrise: Time, 601 Character, Foggy

Moonrise: 11:48 pm

Sunset: Time, 547 Character, Cloudy

Moonset: 859 am

Maximum velocities (exceeding 29 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
49	38	44.4	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow, sleet, and hail on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., T ins.

Total precipitation, midnight to midnight, T 05 inches.

Character of day, Cloudy Moon phase,

Average daily cloudiness (0-10), 10

Actual sunshine, hours, 0 Possible sunshine, hours, 11.7

Per cent of possible sunshine, 0

Prevailing wind direction, S Total wind 210

Average hourly velocity, 8.8 Extreme velocity, 15

Maximum velocity, 15 Direction, SW

Time began, 12:18 am

Reduced barometer, 30.20 7 a. m. 30.10 7 p. m.

River gage, 80 ind

Relative humidity, 100 7 a. m. 92 7 p. m.

OBSERVATIONS AT 12 NOON. (Local Mean Time.)

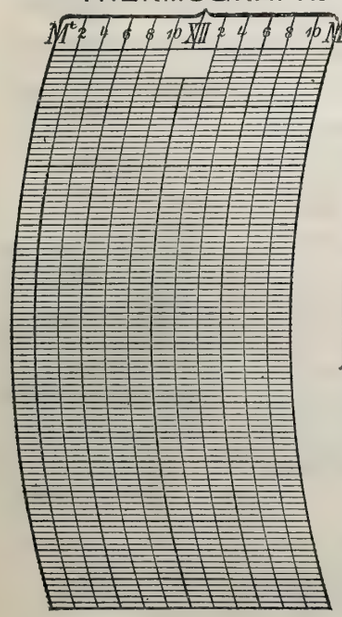
Dry temperature, 48.6 Wet temperature, 45.0

Dew-point, 41 R. humidity, 76 V. pressure, .256

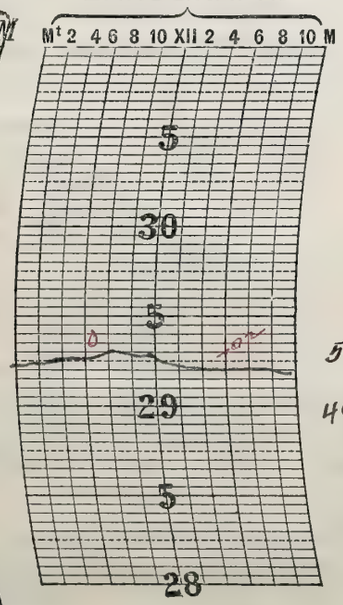
Clouds: Amount, 10; Kind, St.; Direction, S

Velocity of clouds (miles per hour)

THERMOGRAPH.



BAROGRAPH.



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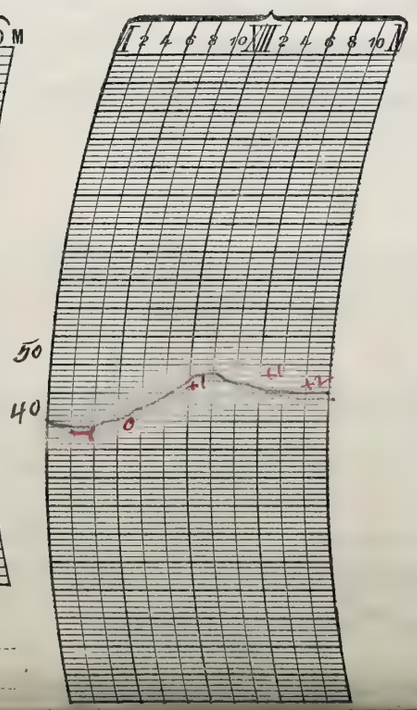


Prepared by } P. J. McDonough
Verified by }

8—486

NOTES.

Dense fog began at 6 am and ended 9.30 am. Rain continued from 3 pm moderately warm, but quite unpleasant weather.

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Thursday, (Date) March 11, 1920.

Time (local standard) 90th mer. normal time

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	45	44	44	44	44	44	45	45	45	46	47	48
Nature of precipitation and time of beginning and ending	--	--	--	RE D.N.						RB 9:45		RE 11:05
Amounts of precipitation												
Cloudiness and other conditions			R	L	F	F	F	F	F	F	F	F
Sunshine (in tenths of hours)						0	0	0	0	0	0	0
Wind direction	S	S	S	S	S	S	S	S	S	S	S	S
Wind movement	9	9	9	9	10	10	8	12	13	11	12	14

Sunrise: Time, 5:59; Character, Foggy. Moonrise: ---

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	52	55	56	57	56	55	54	54	53	53	54	55
Nature of precipitation and time of beginning and ending						RB 5:30	RE 6:20	RB 7:18	continued			
Amounts of precipitation												
Cloudiness and other conditions		K				Cloudy						
Sunshine (in tenths of hours)	0	0.1	0	0	0	0						
Wind direction	S	S	S	S	S	S	S	SE	SE	S	S	S
Wind movement	10	8	11	8	10	13	10	11	12	18	19	20

Sunset: Time, 5:43; Character, Cloudy. Moonset: 9:42 am

Maximum velocities (exceeding 24 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

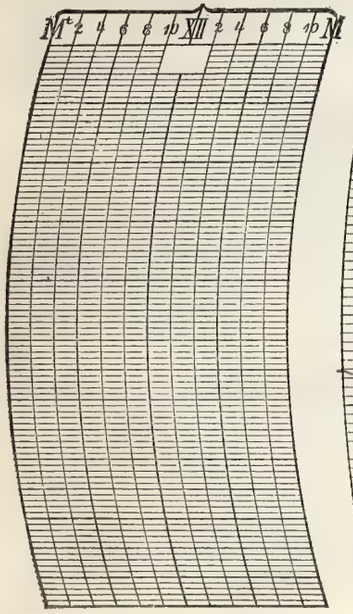
Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
57	44	50	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., .10 ins.; to 7 p. m., .02 ins.
Total precipitation, midnight to midnight, .31 inches.
Character of day, Cloudy. Moon phase,
Average daily cloudiness (0-10), 10
Actual sunshine, hours, 0.1. Possible sunshine, hours, 11.7
Per cent of possible sunshine, 1
Prevailing wind direction, S. Total wind 276
Average hourly velocity, 11.5. Extreme velocity, 25
Maximum velocity, 24. Direction, S
Time began, 11:39 P.M.
Reduced barometer, 30.03 7 a. m. 29.76 7 p. m.
River gage, 9.2 Rise
Relative humidity, 95 7 a. m. 87 7 p. m.

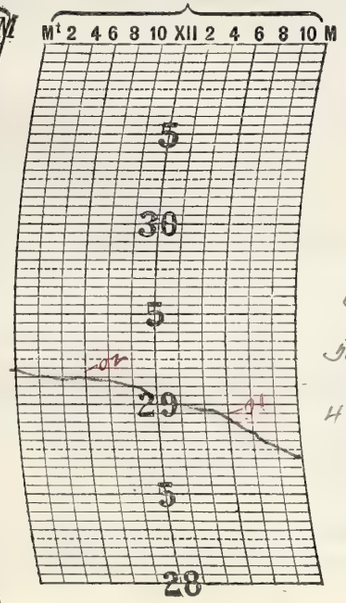
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 49.0. Wet temperature, 48.0
Dew-point, 47. R. humidity, 93. V. pressure, .322
Clouds: Amount, 10; Kind, dense fog; Direction, S
Velocity of clouds (miles per hour)

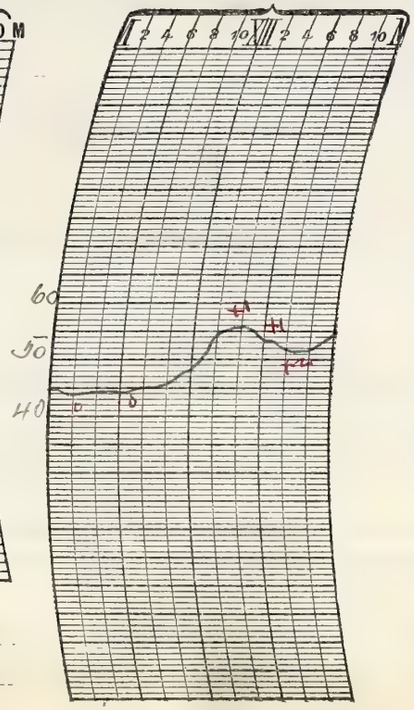
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



Prepared by
Verified by } P. McDonough

8—486

NOTES.

P Estimated.

Moderately warm weather. Dense fog began during the early morning and ended at 1:10 p.m. Cloudy, with light rain; quite unpleasant.

Dense fog began in the early hours of the morning and ended at 1:10 p.m.

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Friday, (Date) March 12, 1920.

Time (local standard) 90th mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	56	56	55	54	53	53	53	53	52	49	36	35
State of weather: Nature of precipitation and time of beginning and ending				RE D.N. a.					R.13 8:45			RE 1:05
Amounts of precipitation												
Cloudiness and other conditions				Cloudy								
Sunshine (in tenths of hours)						0	0	0	0	0	0	0
Wind direction	S	S	S	S	SW	SW	SW	SW	SW	SW	W	W
Wind movement	26	21	21	20	17	22	20	23	24	29	24	23
Maximum velocities (exceeding 27 miles) direction and time	31 S 12:22								33 SW 8:57	34 SW 9:07		

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	33	33	32	31	29	28	27	26	25	25	24	24
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions	Cloudy											
Sunshine (in tenths of hours)	0.4	0.1	0	0	0	0						
Wind direction	W	W	W	W	NW	NW	NW	NW	NW	NW	NW	NW
Wind movement	22	21	20	18	16	15	16	15	17	13	16	16
Maximum velocities (exceeding 27 miles) direction and time												

Sunrise: Time, 5:57 Character, Cloudy
Moonrise: 12:39 am

Sunset: Time, 5:44 Character, Cloudy
Moonset: 10:28 am

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
56	24	40	

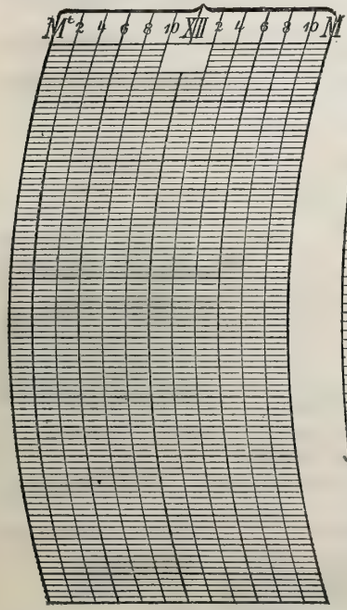
Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., .28 ins.; to 7 p. m., .01 ins.
Total precipitation, midnight to midnight, .05 inches.
Character of day, Cloudy Moon phase, Last Quarter 11:57 am
Average daily cloudiness (0-10), 10
Actual sunshine, hours, 0.5 Possible sunshine, hours, 11.8
Per cent of possible sunshine, 4
Prevailing wind direction, NW Total wind 475
Average hourly velocity, 19.8 Extreme velocity, 36
Maximum velocity, 34 Direction, SW
Time began, 9:07 am
Reduced barometer, 29.44 7 a. m. 29.83 7 p. m.
River gage, 13.15 ft
Relative humidity, 87 7 a. m. 76 7 p. m.

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

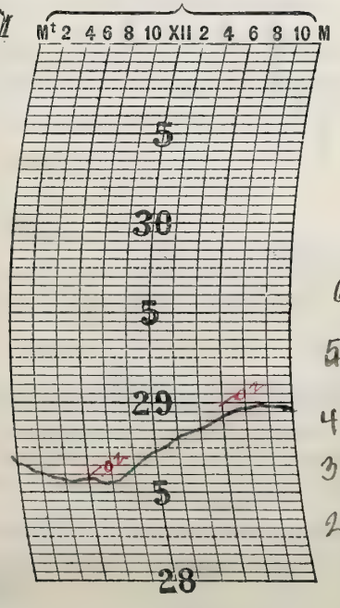
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 35.1 Wet temperature, 32.1
Dew-point, 28 R. humidity, 73 V. pressure, .150
Clouds: Amount, 10; Kind, St-cu.; Direction, NW
Velocity of clouds (miles per hour)

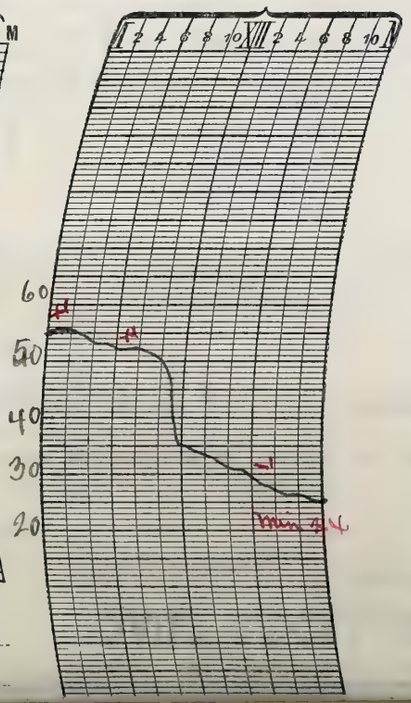
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

The river rose to 13.1 feet at 7 am. Indications above it would probably 15 feet or higher within the next 24 hours.

Cloudy day, with light rain in the afternoon - Morning warm, with temperatures above 50, but a change to colder occurred after 9 am, the temperature falling to freezing or lower in the afternoon.

Prepared by } P. M. Dunough
Verified by }

8—486

Form No. 1014—Mo. U.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind, (Day of week) Saturday, (Date) March 13, 1920

Time (local standard) 90 mer. normal time

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	24	23	22	22	22	21	20	20	21	22	23	26	27	28	29	29	27	25	25	24	24	23	22	22
State of weather: Nature of precipitation and time of beginning and ending				5d 8DN	-	- -	-	- - -	5d E 830	5d 12 935 5d E 940														
Amounts of precipitation																								
Cloudiness and other conditions			Cloudy				Cloudy				Clear													

Sunrise: Time, 5:56 Character, Cloudy

Moonrise: 1:26 am

Sunset: Time, 5:45 Character, Cloudy

Moonset: 11:19 am

	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Sunshine (in tenths of hours)						0	0	0	0.1	0.6	1.0	1.0	1.0	1.0	1.0	1.0	0.9	0.2 0.1						
Wind direction	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	W	NW	NW	NW	W
Wind movement	14	18	18	13	14	15	14	16	17	17	19	22	23	27	22	22	22	19	17	15	14	12	8	7

Maximum velocities (exceeding 29 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
29	20	24	

Total depth of snow for 24 hours ending 7 p. m., 0.1 inches.

Snow, sleet, and hail on ground 7 p. m., T inches.

Total snowfall, midnight to midnight, 0.1 inches.

Precipitation to 7 a. m., .01 ins.; to 7 p. m., T ins.

Total precipitation, midnight to midnight, .01 inches.

Character of day, Clear Moon phase,

Average daily cloudiness (0-10), 3

Actual sunshine, hours, 7.9 Possible sunshine, hours, 11.8

Per cent of possible sunshine, 67

Prevailing wind direction, NW Total wind 400

Average hourly velocity, 16.7 Extreme velocity, 28

Maximum velocity, 27 Direction, NW

Time began, 12:38 p.m.

Reduced barometer, 29.93 7 a. m. 30.04 7 p. m.

River gage, 13.5 feet 7

Relative humidity, 79 7 a. m. 39 7 p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

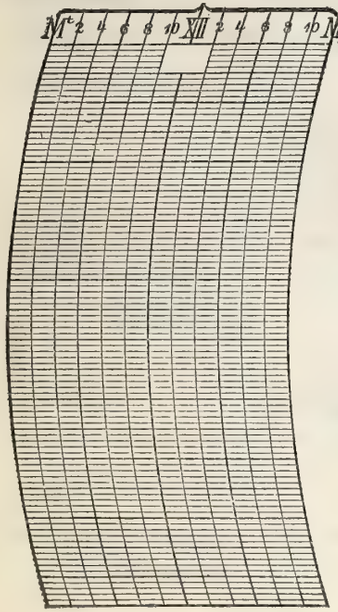
Dry temperature, 26 Wet temperature, 20.1

Dew-point, 1 R. humidity, 30 V. pressure, .040

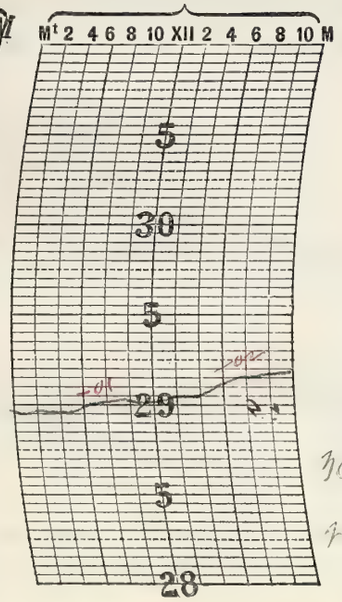
Clouds: Amount, 0; Kind, ci; Direction, 0

Velocity of clouds (miles per hour)

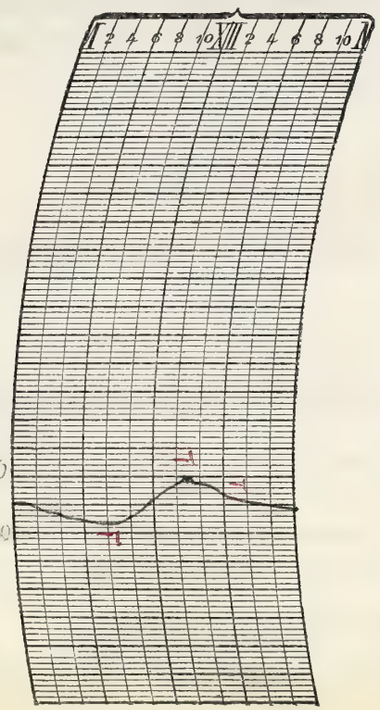
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

Light snow in the forenoon. Decreasing cloudiness after a.m. observation. Moderately low temperature with penetrating northwest winds.

Prepared by
Verified by J. M. Donovan

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind, (Day of week) Sunday, (Date) March 14, 1920

Time (local standard). 90th mer. normal time

	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	22	23	23	24	25	25	26	29	32	35	38	43
State of weather. Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions		?			Cloudy				Cloudy			
Sunshine (in tenths of hours)						0	0	0.2	1.0	1.0	1.0	1.0
Wind direction	W	W	W	SW	SW	SW	SW	SW	SW	SW	SW	SW
Wind movement	5	5	5	7	8	8	8	10	9	12	11	12

	P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	45	46	47	47	46	44	42	42	42	41	40	39
State of weather. Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions			Clear									
Sunshine (in tenths of hours)	1.0	1.0	1.0	1.0	1.0	0.77 0						
Wind direction	SW	S	S	S	SE	SE	SE	SE	SE	SE	SE	SE
Wind movement	12	12	14	11	8	6	5	7	11	11	11	11

Sunrise: Time, 5:54 Character, Cloudy

Moonrise: 2:10 am

Sunset: Time, 5:46 Character, Clear

Moonset: 12:13 Pm

Maximum velocities (exceeding 24 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
47	22	34	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow, sleet, and hail on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Clear Moon phase,

Average daily cloudiness (0–10), 2

Actual sunshine, hours, 10.0 Possible sunshine, hours, 11.9

Per cent of possible sunshine, 84

Prevailing wind direction, SW Total wind 219

Average hourly velocity, 9.1 Extreme velocity, 16

Maximum velocity, 15 Direction, S

Time began, 2:27 Pm.

Reduced barometer, 30.13 7 a. m. 30.00 7 p. m.

River gage, 11.6 feet

Relative humidity, 69 7 a. m. 62 7 p. m.

OBSERVATIONS AT 12 NOON. (Local Mean Time.)

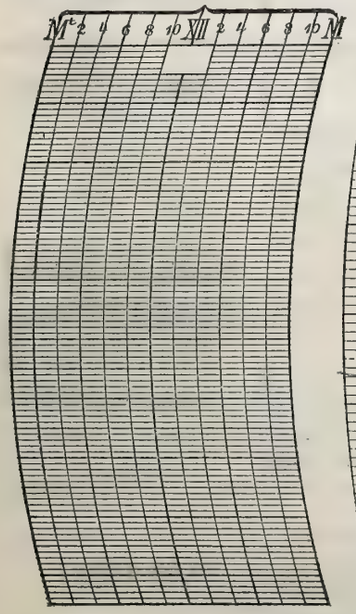
Dry temperature, 42.0 Wet temperature, 35.0

Dew-point, 25 R. humidity, 48 V. pressure, 0.30

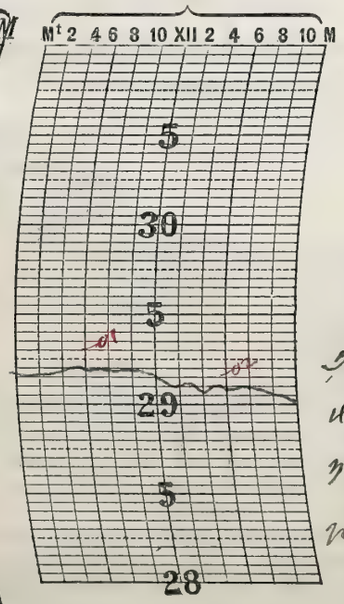
Clouds: Amount, few; Kind, cu; Direction, SW.

Velocity of clouds (miles per hour)

THERMOGRAPH.



BAROGRAPH.



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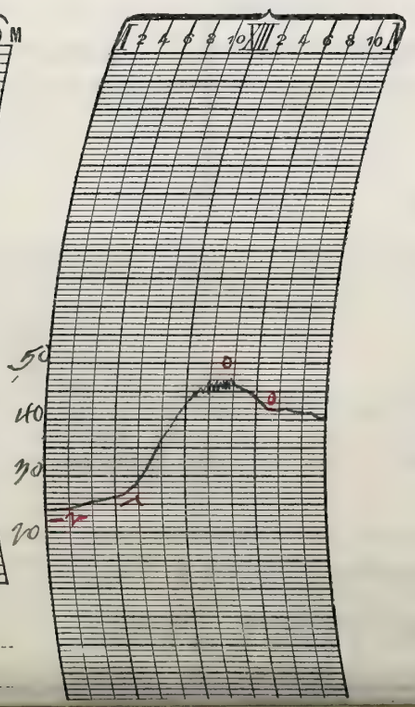


NOTES.

Cloudy in the early morning, but decreasing cloudiness after the am observation, the day as a whole being clear - Moderate temperatures, and quite pleasant.

Prepared by
Verified by } P. McDonough

8—486

Form No. 1014—Met 1.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind, (Day of week) Monday, (Date) March 15, 1920.

Time (local standard). 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	39	39	39	40	41	42	43	46	52	56	56	55
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions				L	Pt Cloudy						L Cloudy	
Sunshine (in tenths of hours)						0	03	01	07	10	04	0
Wind direction	SE	SE	SE	S	S	S	S	S	S	S	S	S
Wind movement	11	12	10	10	11	14	15	16	27	23	29	26
Maximum velocities (exceeding 74 miles) direction and time											34 S 1030	

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	56	57	58	56	54	52	54	56	56	47	44	48
State of weather: Nature of precipitation and time of beginning and ending					RB 405	RE 545			RB 848			RE 9.N
Amounts of precipitation												
Cloudiness and other conditions	L Cloudy						K	Pt Cloudy	K Cloudy			7
Sunshine (in tenths of hours)	0	0	0	0	0	0						
Wind direction	S	S	SW	SW	S	S	S	S	S	SW	SW	SW
Wind movement	26	27	28	29	28	26	27	29	33	34	23	20
Maximum velocities (exceeding 74 miles) direction and time		30 S 149	31 S 2:26	30 SW 342	30 S 419		32 SW 647	31 S 728	35 S 825	39 S 927	34 SW 1022	

Sunrise: Time, 5:53 Character, Cloudy

Moonrise: 2:50 am

Sunset: Time, 5:47 Character, Cloudy

Moonset: 1:10 p.m

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
58	39	48	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow, sleet, and hail on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., T ins.

Total precipitation, midnight to midnight, 0.77 inches.

Character of day, Cloudy Moon phase,

Average daily cloudiness (0-10), 8

Actual sunshine, hours, 2.5 Possible sunshine, hours, 11.9

Per cent of possible sunshine, 21

Prevailing wind direction, S Total wind 529

Average hourly velocity, 22.0 Extreme velocity, 40

Maximum velocity, 39 Direction, S

Time began, 9.27 pm

Reduced barometer 29.75 7 a. m. 29.56 7 p. m.

River gage, 10.5 feet

Relative humidity, 67 7 a. m. 83 7 p. m.

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

OBSERVATIONS AT 12 NOON. (Local Mean Time.)

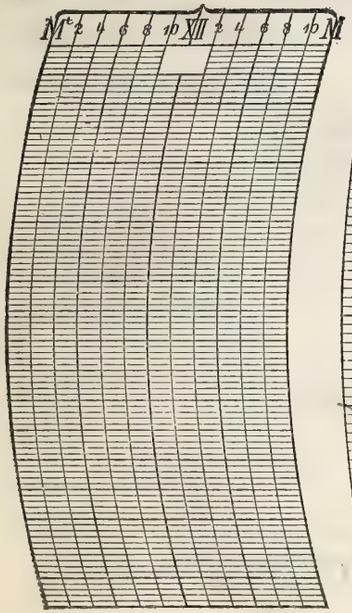
Dry temperature, 55.3 Wet temperature, 48.8

Dew-point, 43 R. humidity, 67 V. pressure, .277

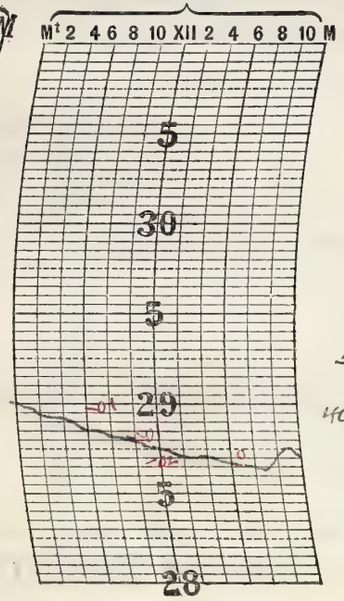
Clouds: Amount, 10; Kind, Strat; Direction, SW

Velocity of clouds (miles per hour)

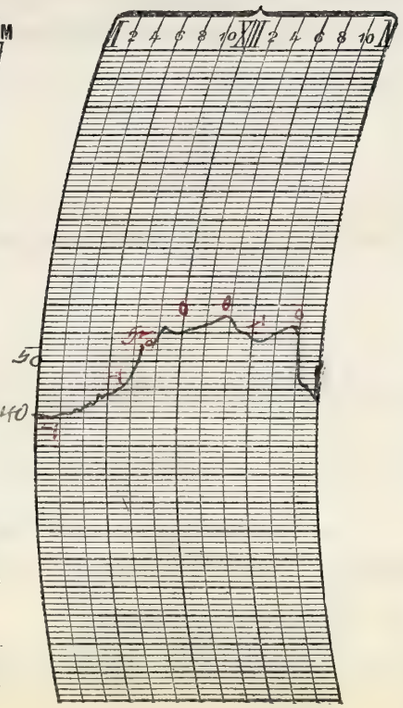
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

One p.m. 75th Meridian time special observation ordered by the Central Office. Generally cloudy and unsettled, with rain in the late afternoon and night, being moderately heavy between 10 and 11 p.m. A moderate thunderstorm began at 10:10 p.m. and continued until 11 p.m.; the storm came from the northwest. Brisk southerly winds; strong gust occasionally.

Prepared by
Verified by C. M. Donough

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind, (Day of week) Tuesday, (Date) March 16, 1920.

Time (local standard) 90th mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	46	45	43	43	42	43	[illegible]	46	47	48	49	52	53	53	53	51	49	46	45	43	39	37	36	35
State of weather. Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions				7		1	—	Cloudy	—		>1	Pt. Cldy	>1	—		Clear				→			2	

Sunrise: Time, 5.51 Character, Cloudy

Moonrise: 3:25 am

Sunset: Time, 5.48 Character, Clear

Moonset: 2:10 P.m.

	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Sunshine (in tenths of hours)						0	0	0	0	0	01	06	10	10	10	10	10	06 0.2						
Wind direction	SW	S	S	S	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	W	W	W	W	W	W
Wind movement	15	13	12	14	14	12	16	17	18	19	21	23	30	30	28	23	32	26	24	24	23	21	24	25
Maximum velocities (exceeding 29 miles) direction and time													34 SW 152	33 SW 207	37 SW 240	38 SW 342	39 SW 450	32 SW 535	30 SW 602	30 SW 745				

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

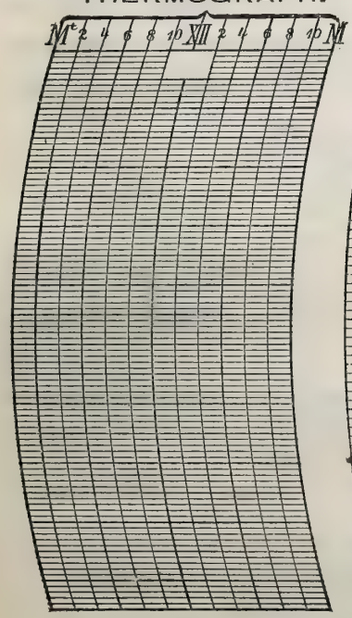
Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
54	35	44	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 0.7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., .77 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Pt Cloudy Moon phase,
Average daily cloudiness (0-10), 5
Actual sunshine, hours, 6.5 Possible sunshine, hours, 12.0
Per cent of possible sunshine, 54
Prevailing wind direction, SW Total wind 574
Average hourly velocity, 24 Extreme velocity, 42
Maximum velocity, 39 Direction, SW
Time began, 4:50 P.m.
Reduced barometer, 29.67 7 a. m. 29.83 7 p. m.
River gage, 1.32
Relative humidity, 73 7 a. m. 47 7 p. m.

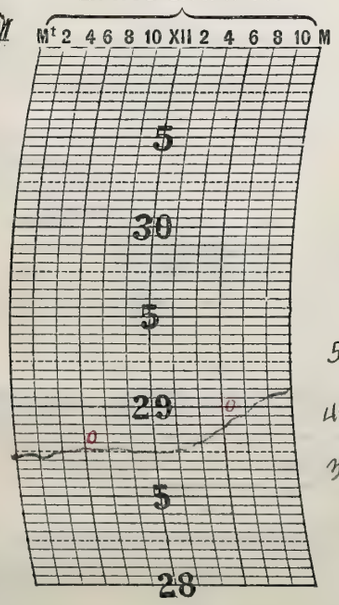
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 51.0 Wet temperature, 40.9
Dew-point, 28 R. humidity, 39 V. pressure, .150
Clouds: Amount, 3 a St; Kind, Sc cu; Direction, W
Velocity of clouds (miles per hour)

THERMOGRAPH.



BAROGRAPH.



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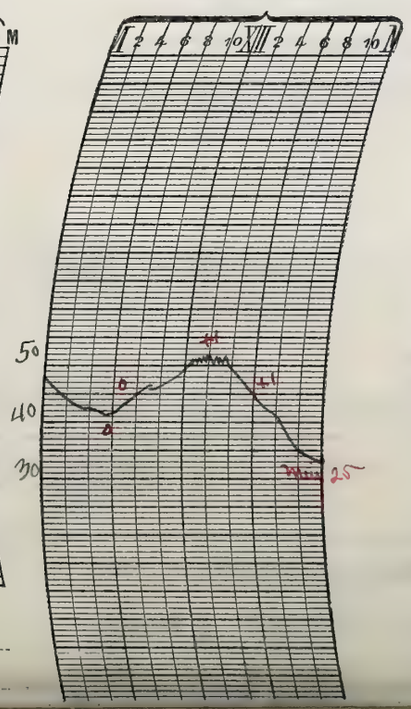


NOTES.

Decreasing cloudiness from 10 AM the afternoon and night being generally clear. Moderate temperatures obtained but a change to colder occurred in the late afternoon, moderate to fresh westerly winds. Quite unpleasant as a result of gusty winds.

Prepared by
Verified by } J. M. O'Donnell

8—486

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Wednesday, (Date) March 17, 1920

Time (local standard). 90 mer. normal time

	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	33	33	32	31	30	29	28	28	27	28	31	32
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions						Pt. Cloudy						
Sunrise: Time, 5:49 Character, Cloudy												
Moonrise: 3:59 am												
Sunshine (in tenths of hours)						0	0	0.1	0.4	1.0	1.0	1.0
Wind direction	W	W	W	W	W	W	W	W	W	W	W	W
Wind movement	24	20	22	20	19	17	17	14	14	17	13	14
Maximum velocities (exceeding 29 miles) direction and time	32 W 12:12											

	P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	34	35	35	35	33	31	31	30	29	28	27	26
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions							Clear					
Sunset: Time, 5:50 Character, Cloudy												
Moonset: 3:12 pm												
Sunshine (in tenths of hours)	1.0	1.0	1.0	1.0	0.9	0						
Wind direction	W	W	W	NW	NW	NW	N	N	N	NE	NE	NE
Wind movement	13	14	14	14	12	8	7	6	5	6	7	6
Maximum velocities (exceeding 29 miles) direction and time												

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

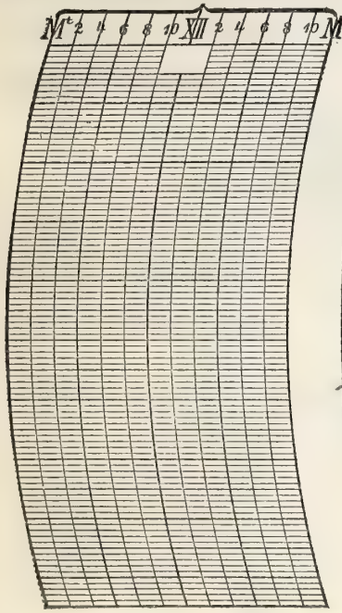
Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
35	26	30	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Pt. Cloudy Moon phase,
Average daily cloudiness (0–10), 5
Actual sunshine, hours, 8.4 Possible sunshine, hours, 12.0
Per cent of possible sunshine, 70
Prevailing wind direction, W Total wind 323
Average hourly velocity, 13.5 Extreme velocity, 33
Maximum velocity, 32 Direction, W
Time began, 12:12 am
Reduced barometer, 30.23 7 a. m. 30.41 7 p. m.
River gage, 13.5 feet
Relative humidity, 76 7 a. m. 69 7 p. m.

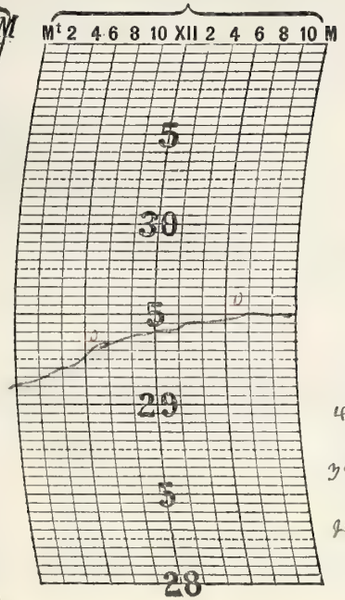
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 31.5 Wet temperature, 26.9
Dew-point, 18 R. humidity, 53 V. pressure, .093
Clouds: Amount, 6; Kind, Cu; Direction, NW
Velocity of clouds (miles per hour)

THERMOGRAPH.



BAROGRAPH.



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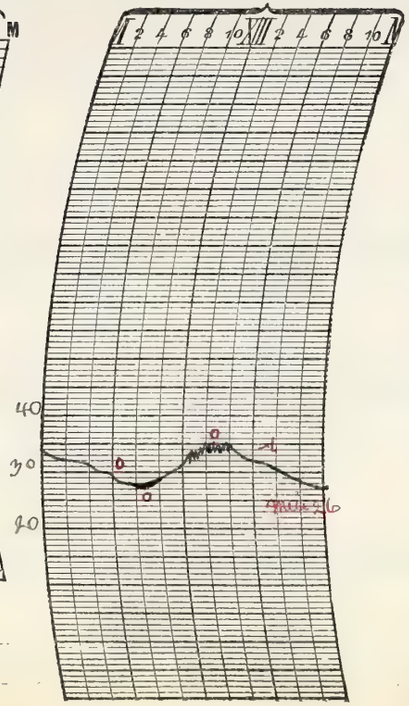


NOTES.

Cool and partly Cloudy weather
Westerly winds, somewhat gusty

Prepared by
Verified by P. McDonough

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind, (Day of week) Thursday, (Date) March 18, 1920

Time (local standard) 90 mer. normal time.

	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	26	26	26	26	27	27	27	29	31	32	32	34
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions					< Cloudy >		< Pt. cloudy >				>	
Sunshine (in tenths of hours)						0	0	0	0.9	1.0	1.0	0
Wind direction	NE	E	E	E	E	E	E	E	E	E	SE	E
Wind movement	5	7	8	6	8	8	10	14	7	9	9	7

	P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	35	35	37	37	37	36	35	33	32	33	32	33
State of weather: Nature of precipitation and time of beginning and ending		Sm B. 1.50	Sm E 2.10			Sl. R 5.40	Sl. E 6.30 p					Sl. R 11.00
Amounts of precipitation												
Cloudiness and other conditions						Cloudy						
Sunshine (in tenths of hours)	0	0	0	0	0	0						
Wind direction	E	E	E	E	E	E	E	E	E	E	E	E
Wind movement	11	12	12	14	12	13	12	17	18	18	15	16

Sunrise: Time, 5.48 Character, Cloudy
Moonrise: 4.30 am

Sunset: Time, 5.51 Character, Cloudy
Moonset: 4.17 pm

Maximum velocities (exceeding 24 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

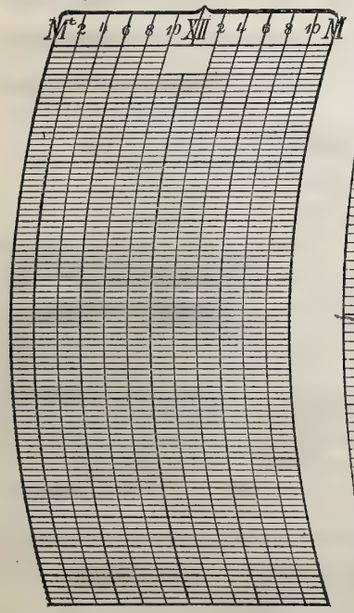
Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
37	26	32	

Total depth of snow for 24 hours ending 7 p. m., T inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, T inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., T ins.
Total precipitation, midnight to midnight, T inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0–10),
Actual sunshine, hours, 2.9 Possible sunshine, hours, 12.0
Per cent of possible sunshine, 24
Prevailing wind direction, E Total wind 268
Average hourly velocity, 11.2 Extreme velocity, 25
Maximum velocity, 22 Direction, E
Time began, 8:25 P. M.
Reduced barometer, 30.40 7 a. m. 30.07 7 p. m.
River gage, 12.6 feet
Relative humidity, 78 7 a. m. 73 7 p. m.

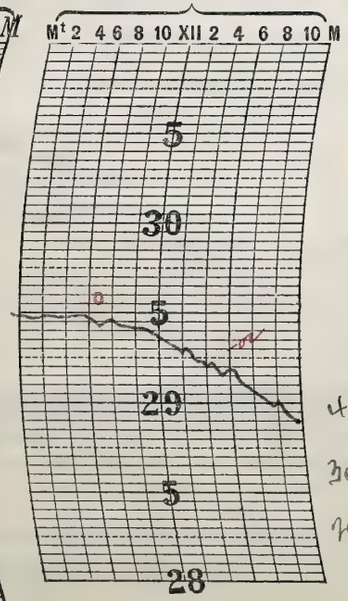
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 34.4 Wet temperature, 30.0
Dew-point, 23 R. humidity, 59 V. pressure, .118
Clouds: Amount, 10; Kind, St.; Direction, E
Velocity of clouds (miles per hour)

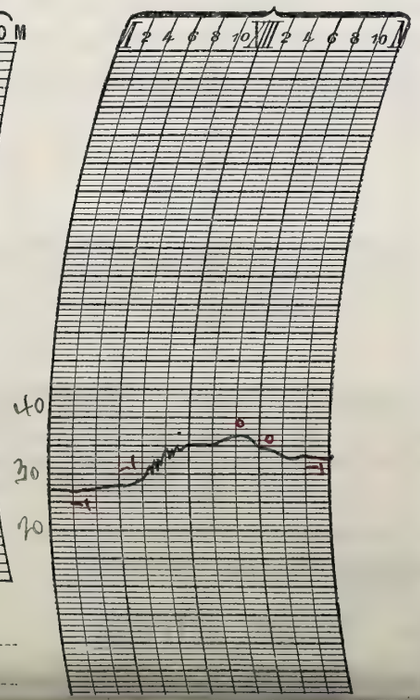
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



Prepared by
Verified by } P. McDonough

NOTES.

Cold, cloudy, and unpleasant weather, with snow flurries in the early afternoon and slet in the late afternoon and late night

Estimated.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Friday, (Date) March 19, 1920.

Time (local standard) 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	33	32	32	33	33	33	33	34	35	35	36	39
Nature of precipitation and time of beginning and ending	SL E D.N. R.B D.N	–	–	–	–	–	RE 6:15					
Amounts of precipitation												
Cloudiness and other conditions		–	L Cloudy								Foggy	
Sunrise: Time, 5:46; Character, Foggy												
Moonrise: 5:01 am												
Sunshine (in tenths of hours)						0	0	0	0	0	0	0
Wind direction	E	E	E	E	E	E	E	E	NE	NE	NE	NE
Wind movement	14	10	9	7	8	8	8	7	6	7	5	1
Maximum velocities (exceeding 29 miles) direction and time												

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	39	40	38	36	35	31	29	28	28	28	28	28
Nature of precipitation and time of beginning and ending			RB 200	RE 355 SN 6 355	–	–	–	–	–	–	–	SN E D.N.
Amounts of precipitation												
Cloudiness and other conditions				Cloudy								
Sunset: Time, 5:52; Character, Cloudy												
Moonset: 5:23 pm												
Sunshine (in tenths of hours)	0	0	0	0	0	0						
Wind direction	SW	SW	SW	W	W	W	N	N	N	N	NW	NW
Wind movement	8	13	16	17	11	12	14	16	16	16	15	17
Maximum velocities (exceeding 29 miles) direction and time												

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
41	28	34	

Total depth of snow for 24 hours ending 7 p. m., 0.2 inches.

Snow, sleet, and hail on ground 7 p. m., 0.2 inches.

Total snowfall, midnight to midnight, 0.3 inches.

Precipitation to 7 a. m., .10 ins.; to 7 p. m., .07 ins.

Total precipitation, midnight to midnight, .18 inches.

Character of day, Cloudy. Moon phase,

Average daily cloudiness (0-10), 10

Actual sunshine, hours, 0 Possible sunshine, hours, 12.1

Per cent of possible sunshine, 0

Prevailing wind direction, E Total wind, 256

Average hourly velocity, 10.7 Extreme velocity, 23

Maximum velocity, 22 Direction, NW

Time began, 8:02 p.m.

Reduced barometer, 29.52 7 a. m. 29.68 7 p. m.

River gage, 9.5 p.m.

Relative humidity, 95 7 a. m. 94 7 p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

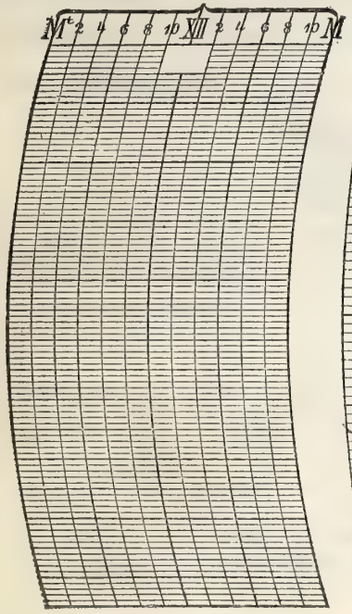
Dry temperature, 37.2 Wet temperature, 36.7

Dew-point, 36 R. humidity, 95 V. pressure, .211

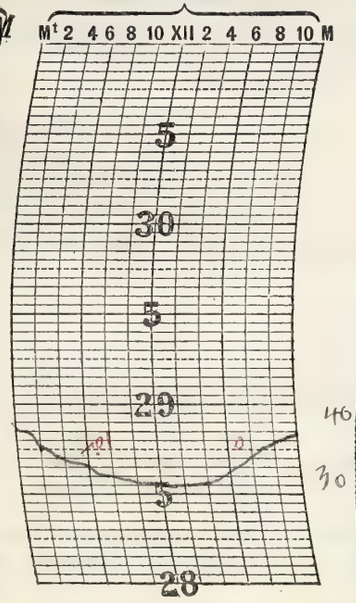
Clouds: Amount, 10; Kind, Dense fog; Direction, E

Velocity of clouds (miles per hour)

THERMOGRAPH.



BAROGRAPH.



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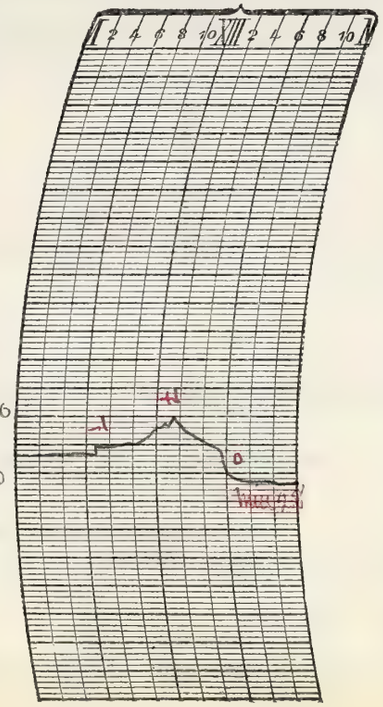


Prepared by } P. McDonough
Verified by }

8—486

NOTES.

Dense fog from 6:30 am to 12:35 pm; buildings at a distance of 600 feet were invisible during most of the time the fog prevailed.

The temperature changes were slight during the forenoon, but the weather became quite cool at night. There were precipitation in the form of sleet, rain and snow; most of the snow melted as it fell. The day was unpleasant.

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind, (Day of week) Saturday, (Date) March 20, 1920

Time (local standard). 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	27	26	26	25	24	25	27	33	35	37	39	43
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions			7, L									
Sunshine (in tenths of hours)						0.27 0	0.9 0.1	1.0	1.0	1.0	1.0	1.0
Wind direction	NW	NW	NW	NW	W	W	W	W	W	W	W	W
Wind movement	16	14	11	12	10	11	10	13	11	9	10	10

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	45	46	47	47	45	44	43	41	39	37	36	35
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions							Clear					
Sunshine (in tenths of hours)	1.0	1.0	1.0	1.0	1.0	0.78 0.1						
Wind direction	NW	NW	NW	NW	N	N	N	N	N	NW	NW	NW
Wind movement	10	10	11	10	10	5	3	5	6	4	4	4

Sunrise: Time, 5:41 Character, Clear

Moonrise: 5:33 am

Sunset: Time, 5:53 Character, Clear

Moonset: 6:30 pm

Maximum velocities (exceeding 40 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
47	24	36	

Total depth of snow for 24 hours ending 7 p. m., 0.1 inches.

Snow, sleet, and hail on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0.1 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Clear Moon phase, NEW Moon 4:58 am

Average daily cloudiness (0-10), Few

Actual sunshine, hours, 12.2 Possible sunshine, hours, 12.2

Per cent of possible sunshine, 100

Prevailing wind direction, NW Total wind 219

Average hourly velocity, 9.1 Extreme velocity, 24

Maximum velocity, 22 Direction, NW

Time began, 12:20 am

Reduced barometer, 29.88 7 a. m. 30.01 7 p. m.

River gage, 9.2 ft

Relative humidity, 76 7 a. m. 48 p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

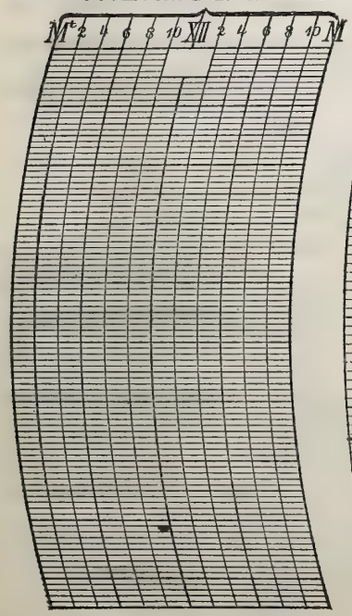
Dry temperature, 47.1 Wet temperature, 33.7

Dew-point, 20 R. humidity, 29 V. pressure, 103

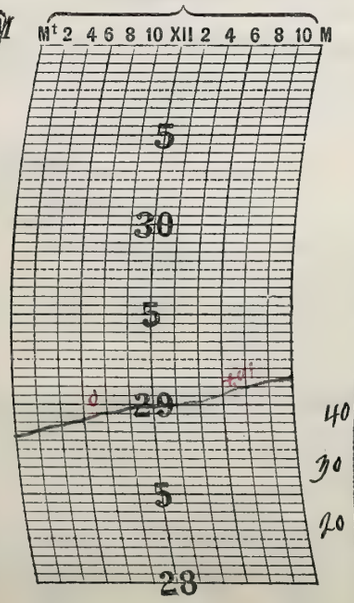
Clouds: Amount, 0; Kind, 0; Direction, 0

Velocity of clouds (miles per hour)

THERMOGRAPH.



BAROGRAPH.



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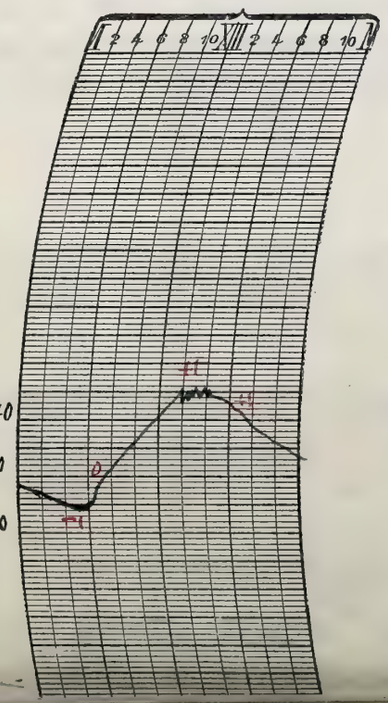


NOTES.

Spring commenced at 3:59 p.m.
Clear, fine, weather

Prepared by J. M. Donovan

Verified by

8—486

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind, (Day of week) Sunday, (Date) March 21, 1920

Time (local standard). 90 mer. normal time.

	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	34	33	33	32	30	30	31	39	41	44	46	47	49	50	51	52	50	49	49	46	44	43	43	41
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions			?									Clear												
Sunshine (in tenths of hours)						0	0.4	10	10	10	10	10	10	10	10	10	10	0.4						
Wind direction	NW	NW	NW	W	W	W	NW	NW	SW	SW	SW	W	SW	W	SW	SW	W	W	W	W	W	W	SW	SW
Wind movement	5	3	2	4	5	3	4	2	6	8	10	9	10	9	10	9	9	6	4	5	3	5	4	4
Maximum velocities (exceeding 74 miles) direction and time																								

Sunrise: Time, 5.43 Character, Clear

Moonrise: 6.06 am

Sunset: Time, 5.54 Character, Clear

Moonset: 7:40 P.m.

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
52	30	41	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow, sleet, and hail on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Clear Moon phase,

Average daily cloudiness (0–10), Few

Actual sunshine, hours, 12.2 Possible sunshine, hours, 12.2

Per cent of possible sunshine, 100

Prevailing wind direction, W Total wind 139

Average hourly velocity, 5.8 Extreme velocity, 12

Maximum velocity, 12 Direction, SW

Time began, 12:25 p.m.

Reduced barometer, 30.19 7 a. m. 30.22 7 p. m.

River gage, 8.4 feet

Relative humidity, 68 7 a. m. 36 7 p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

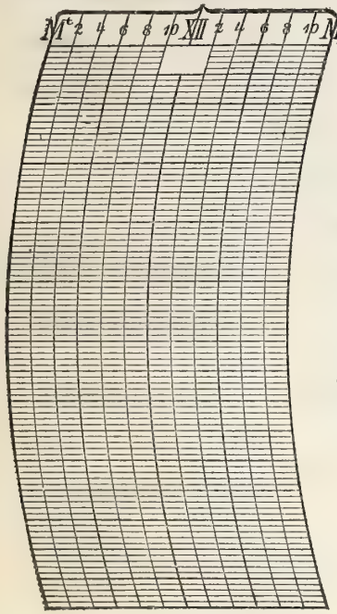
Dry temperature, 46.0 Wet temperature, 35.0

Dew-point, 16 R. humidity, 28 V. pressure, 085

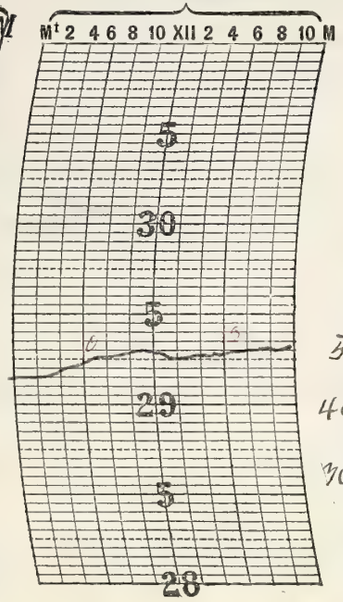
Clouds: Amount, 1; Kind, St; Direction, W

Velocity of clouds (miles per hour)

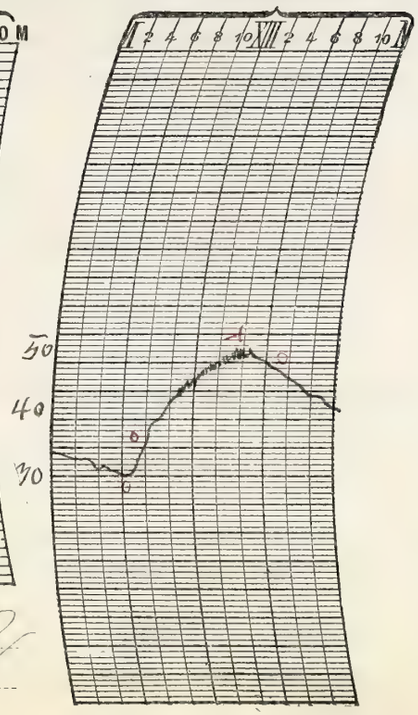
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

Clear, fine weather. Very pleasant and invigorating

Prepared by }
Verified by } P. M. Donovan

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind, (Day of week) Monday, (Date) March 22, 1920

Time (local standard) 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	41	40	40	39	40	40	40	45	50	55	57	59	62	63	63	63	62	59	57	55	53	51	48	47
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions				L	→								Clear	→										
Sunshine (in tenths of hours)						0	02	10	10	10	10	10	10	10	10	10	10	02						
Wind direction	SW	SW	SW	SW	S	S	S	S	S	SW	SW	SW	SW	SW	SW	SW	SW	SW	S	SW	S	S	S	SW
Wind movement	5	5	3	5	4	6	5	8	11	11	16	18	17	20	18	19	16	9	8	7	10	8	7	5

Sunrise: Time, 5.41 Character, Clear
Moonrise: 6.43 am
Sunset: Time, 5.55 Character, Clear
Moonset: 8.50 pm

Maximum velocities (exceeding 24 miles) direction and time

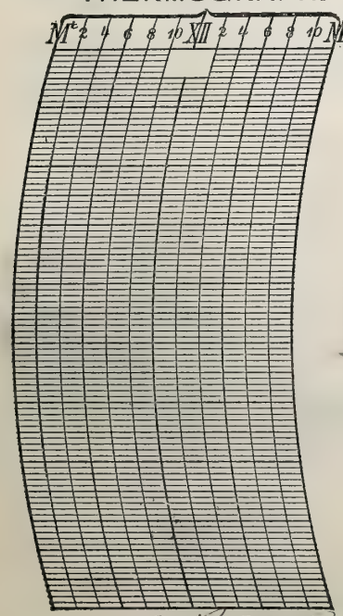
Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
63	39	51	

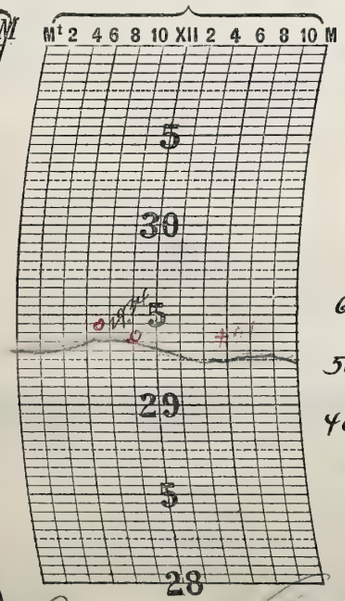
Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Clear Moon phase,
Average daily cloudiness (0-10), 0
Actual sunshine, hours, 12.2 Possible sunshine, hours, 12.2
Per cent of possible sunshine, 100
Prevailing wind direction, SW Total wind 241
Average hourly velocity, 10.0 Extreme velocity, 24
Maximum velocity, 22 Direction, SW
Time began, 1:40 P.M.
Reduced barometer, 30.29 7 a. m. 30.19 7 p. m.
River gage, 76 feet
Relative humidity, 55 7 a. m. 46 7 p. m.

OBSERVATIONS AT 12 NOON. (Local Mean Time.)
Dry temperature, 57.7 Wet temperature, 45.7
Dew-point, 32 R. humidity, 37 V. pressure, .180
Clouds: Amount, 0; Kind, 0; Direction, 0
Velocity of clouds (miles per hour)

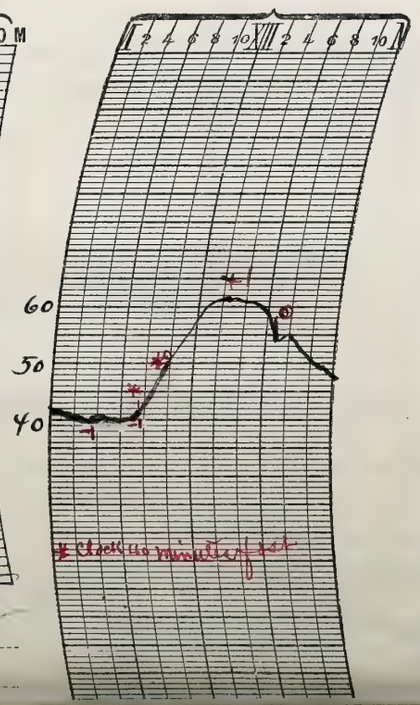
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

Clear everywhere with pleasant temperature. Moon visible in northwest about 30° above horizon at 6.40 pm. Only faint moonlight.

An auroral display was visible from about 8.30 pm until 10:30 pm. The display consisted of diffused light and pale yellow streamers. It was first observed in the northwest quadrant at an altitude of about 75°. The streamers moved back and forth from the northwest to the northeast, and occasionally they reached a point about 10° south of the zenith.

Prepared by P. McDonough
Verified by

8—486

FORM NO. 1012—MOT 8

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind, (Day of week) Tuesday, (Date) March 23, 1920

Time (local standard). 90 mer. normal time.

	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	45	45	45	44	44	44	45	51	57	60	63	64	67	67	66	65	63	59	56	56	55	54	52	52
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions								Clear								Pt. Cloudy								
Sunrise: Time 5.39, Character, Clear																					Sunset: Time 5.56, Character, Cloudy			
Moonrise: 7:25 am																					Moonset: 9:59 p.m.			
Sunshine (in tenths of hours)						0.35 0	0.6 0.4	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.7	0.6	0						
Wind direction	SW	SW	S	S	S	S	S	S	S	SW	SW	S	S	S	S	S	S	S	SE	SE	S	S	S	S
Wind movement	7	9	8	8	11	11	9	12	14	17	22	20	22	20	18	14	12	10	8	8	9	10	11	12
Maximum velocities (exceeding 29 miles) direction and time																								

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

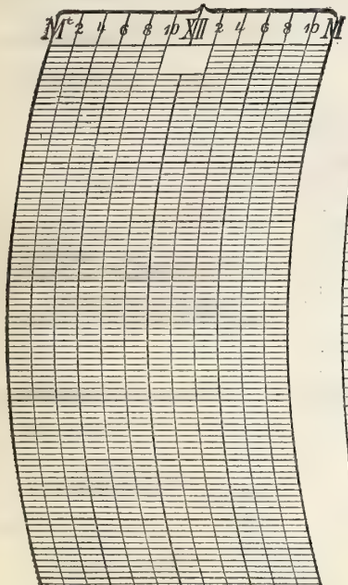
Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
67	44	56	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Pt. Cloudy Moon phase,
Average daily cloudiness (0-10), 4
Actual sunshine, hours, 10.6 Possible sunshine, hours, 12.3
Per cent of possible sunshine, 86
Prevailing wind direction, S Total wind 302
Average hourly velocity, 12.6 Extreme velocity, 27
Maximum velocity, 26 Direction, S
Time began, 12:42 P.m.
Reduced barometer, 30.26 7 a. m. 30.05 7 p. m.
River gage, 7.0 Rise
Relative humidity, 58 7 a. m. 43 7 p. m.

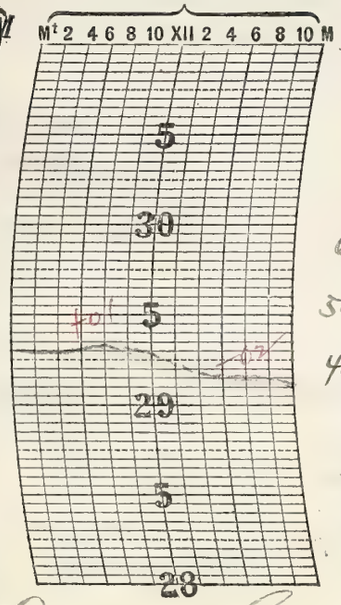
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 65.3 Wet temperature, 48.4
Dew-point, 29 R. humidity, 26 V. pressure, .157
Clouds: Amount, 2; Kind, cst; Direction, W
Velocity of clouds (miles per hour)

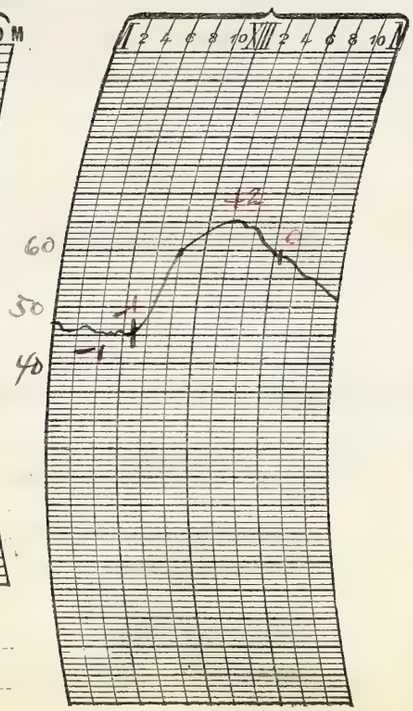
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

Increasing cloudiness after the a. m. observation, alto-stratus clouds from the west prevailing. Quite warm and pleasant weather.

Prepared by P. McDonough

Verified by

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Wednesday, (Date) March 24, 1920

Time (local standard) 90th mer. normal time

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	51	50	50	49	48	48	47	51	55	58	58	61	62	63	64	63	63	62	61	60	60	59	59	58
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions																								
Sunshine (in tenths of hours)						0	0	0	0.8	1.0	0.5	0.6	0.9	0.7	0.8	0.6	0	0						
Wind direction	S	S	S	S	S	S	SE	S	S	S	S	S	S	S	SW	SW	SW	S	SE	SE	SE	SE	S	S
Wind movement	10	11	13	12	12	14	9	12	16	19	20	19	17	20	24	14	11	7	7	9	12	10	9	10
Maximum velocities (exceeding 20 miles) direction and time																								

Sunrise: Time 5:38, Character Cloudy
Moonrise: 8:11 am
Sunset: Time 5:57, Character Cloudy
Moonset: 11:05 P.m

Cloudy

Maximum temperature	Minimum temperature	Mean temperature	Normal temperature
64	47	56	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0-10), 8
Actual sunshine, hours, 5.9 Possible sunshine, hours, 12.3
Per cent of possible sunshine, 48
Prevailing wind direction, S Total wind 317
Average hourly velocity, 13.2 Extreme velocity, 27
Maximum velocity, 26 Direction, SW
Time began, 2:22 pm
Reduced barometer, 30.02 7 a. m. 29.89 7 p. m.
River gage, 6.5 feet
Relative humidity, 60 7 a. m. 54 7 p. m.

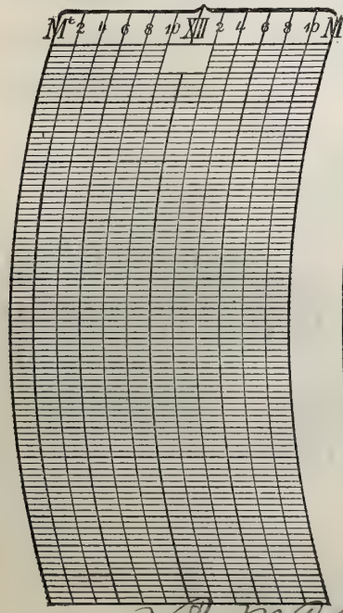
Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

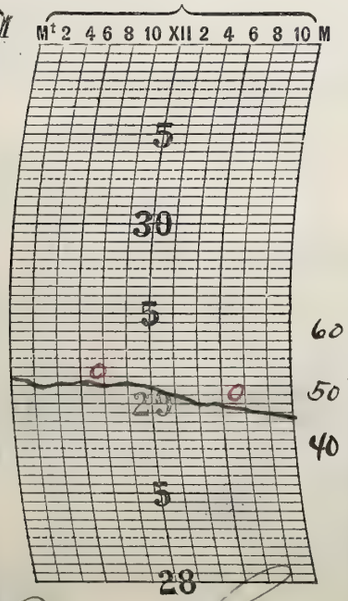
OBSERVATIONS AT 12 NOON. (Local Mean Time.)

Dry temperature, 59.6 Wet temperature, 49.1
Dew-point, 39 R. humidity, 46 V. pressure, .237
Clouds: Amount, 8; Kind, St. Cu.; Direction, S
Velocity of clouds (miles per hour)

THERMOGRAPH.



BAROGRAPH.



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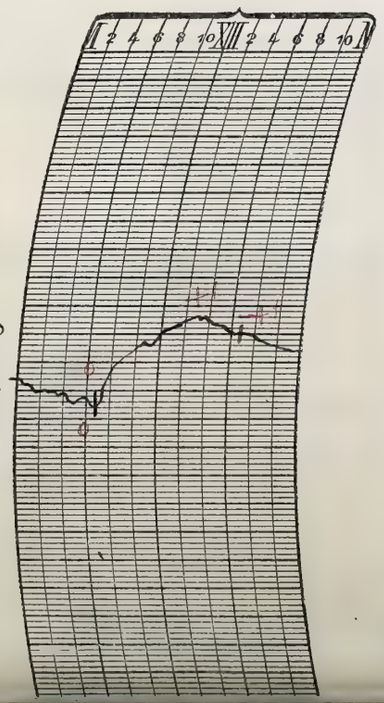


NOTES.

Sunshine through Alto Stratus and Strato-Cumulus Clouds.
Warm pleasant day. Pale moonlight through Clouds at night.

Prepared by C. M. Donough
Verified by

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind, (Day of week) Thursday, (Date) March 25, 1920

Time (local standard). 90th mer. normal time

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	56	55	56	56	55	54	56	55	57	60	63	67
State of weather: Nature of precipitation and time of beginning and ending	RB 12:30	-	-	—	RE 4:45	✓			RB 8:30; RE 8:45	✓		
Amounts of precipitation												
Cloudiness and other conditions	Cloudy											
Sunrise: Time, 5:36 Character, Cloudy												
Moonrise: 9:04 am												
Sunshine (in tenths of hours)						0	0	0	0	0.2	0.8	1.0
Wind direction	SE	S	SE	SE	S	S	S	S	S	S	S	SE
Wind movement	10	10	11	12	13	13	13	13	14	11	16	18
Maximum velocities (exceeding 29 miles) direction and time												

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	69	69	65	63	61	62	62	64	64	64	62	62
State of weather: Nature of precipitation and time of beginning and ending			RB 2:05	- -	RE 4:20	✓						
Amounts of precipitation												
Cloudiness and other conditions	Cloudy											
Sunset: Time, 5:58 Character, Cloudy												
Moonset: — —												
Sunshine (in tenths of hours)	0.8	0	0	0	0	0						
Wind direction	SE	SE	S	S	SE	SE	SE	SE	S	S	S	S
Wind movement	17	16	16	14	15	10	16	14	17	23	19	19
Maximum velocities (exceeding 29 miles) direction and time												

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
69	54	62	

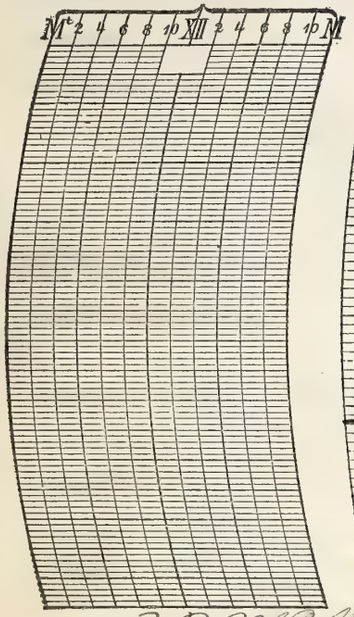
Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., .02 ins.; to 7 p. m., .94 ins.
Total precipitation, midnight to midnight, .96 inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0-10), 9
Actual sunshine, hours, 2.8 Possible sunshine, hours, 12.4
Per cent of possible sunshine, 23
Prevailing wind direction, S Total wind 350
Average hourly velocity, 14.6 Extreme velocity, 28
Maximum velocity, 27 Direction, S
Time began, 9:22 P.M.
Reduced barometer, 29.79 7 a. m. 29.44 7 p. m.
River gage, 5.9 feet
Relative humidity, 65 7 a. m. 56 7 p. m.

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

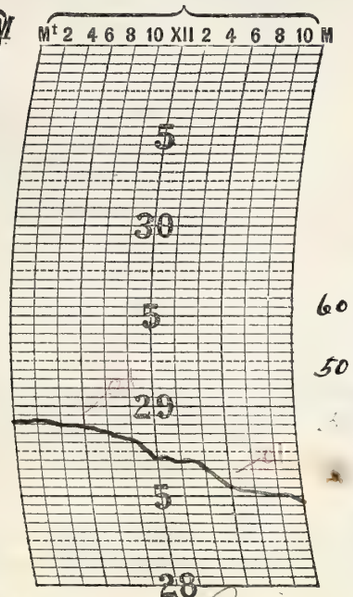
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 66.5 Wet temperature, 56.0
Dew-point, 48 R. humidity, 52 a.54 V. pressure, 334 SW
Clouds: Amount, 7.2; Kind, Strat.; Direction, ~~SE~~
Velocity of clouds (miles per hour)

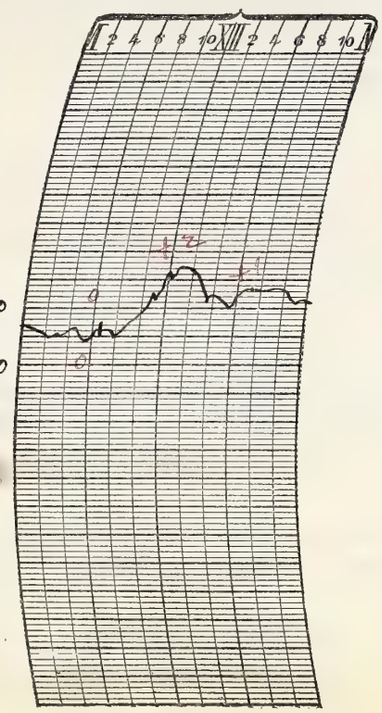
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



Prepared by P. McDonough
Verified by

8—486

NOTES.

Warm and cloudy weather with showers. Partial moonlight at night through rifts in clouds. The sky was clear at 10 pm. Increasing southerly winds.

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind, (Day of week) Friday, (Date) March 26, 1920

Time (local standard) 90 mer. normal time.

	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	60	53	54	52	52	51	48	47	47	45	45	45
State of weather: Nature of precipitation and time of beginning and ending				R.O D.N	--	--	--	R E 750			R B 10.07	--
Amounts of precipitation												
Cloudiness and other conditions				L							Cloudy	

	P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	45	45	45	44	45	44	44	44	43	43	44	45
State of weather: Nature of precipitation and time of beginning and ending	R E 1250											
Amounts of precipitation												
Cloudiness and other conditions												

Sunrise: Time, 5.34 Character, Cloudy
Moonrise: 10:03 am

Sunset: Time, 5.59 Character, Cloudy
Moonset: 12:06 am

	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Sunshine (in tenths of hours)						0	0	0	0	0	0	0
Wind direction	S	S	S	S	S	S	SW	SW	SW	SW	SW	SW
Wind movement	24	24	24	18	23	27	28	27	27	29	27	26
Maximum velocities (exceeding 29 miles) direction and time	44 S 1245	30 S 1:02	30 S 2:13			32 S 540	36 SW 627	30 SW 727	30 SW 830	36 SW 939	33 SW 1005	30 SW 11:02

	P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Sunshine (in tenths of hours)	0	0	0	0	0	0						
Wind direction	SW	SW	SW	W	W	W	W	W	W	W	W	W
Wind movement	25	25	27	17	22	24	20	21	18	15	13	17
Maximum velocities (exceeding 29 miles) direction and time	31 SW 1240	33 SW 105	35 SW 207									

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
62	43	52	

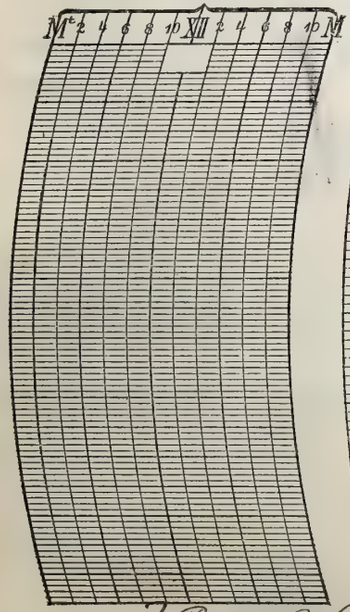
Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., .08 ins.; to 7 p. m., .01 ins.
Total precipitation, midnight to midnight, .09 inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0–10), 10
Actual sunshine, hours, 0 Possible sunshine, hours, 12.
Per cent of possible sunshine, 0
Prevailing wind direction, SW-W Total wind 548
Average hourly velocity, 22.8 Extreme velocity, 54
Maximum velocity, 44 Direction, S
Time began, 12:45 am
Reduced barometer, 29.40 7 a. m. 29.70 7 p. m.
River gage, 5.4 feet
Relative humidity, 93 7 a. m. 77 7 p. m.

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

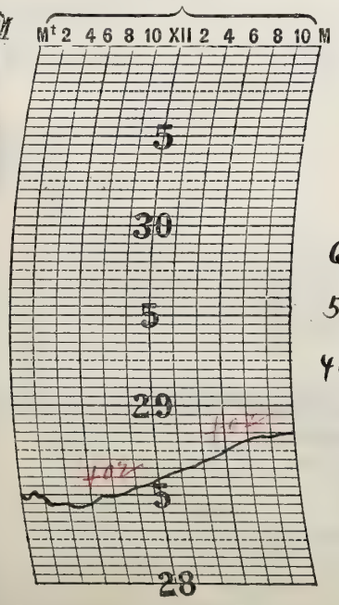
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 45.2 Wet temperature, 42.5
Dew-point, 40 R. humidity, 81 V. pressure, .247
Clouds: Amount, 10; Kind, Nb; Direction, SW
Velocity of clouds (miles per hour)

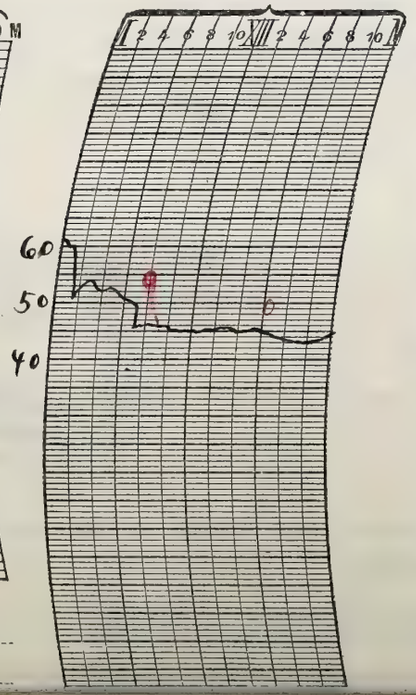
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

Cloudy and threatening with showers for part of day. Falling temperature. Brisk to high southerly and southwesterly winds from midnight until 8 pm, with highest velocity, 44 miles from south, at 1245 am. Quite unpleasant weather.

Prepared by P. McDonough

Verified by

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind, (Day of week) Saturday, (Date) March 27, 1920

Time (local standard) 90th mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	44	42	40	38	37	35	37	39	43	48	52	54
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions					←			Clear				
Sunrise: Time, 5:33 Character, Clear												
Moonrise: 11:06 am												
Sunshine (in tenths of hours)						0	0.8	1.0	1.0	1.0	1.0	1.0
Wind direction	W	W	W	W	W	W	NW	NW	N	N	E	SE
Wind movement	13	11	7	7	7	8	7	8	5	5	3	4
Maximum velocities (exceeding 20 miles) direction and time												

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	58	59	60	62	61	59	58	56	55	55	56	57
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions												→
Sunset: Time, 6:00 Character, Clear												
Moonset: 1:01 am												
Sunshine (in tenths of hours)	1.0	1.0	1.0	1.0	1.0	.3						
Wind direction	SE	SE	SE	SE	SE	SE	E	E	SE	E	SE	SE
Wind movement	5	6	9	10	9	7	6	6	6	6	7	12
Maximum velocities (exceeding 20 miles) direction and time												

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
62	35	48	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Clear Moon phase, 1st Quarter 12:45 a. m.
Average daily cloudiness (0-10), 0
Actual sunshine, hours, 12.4 Possible sunshine, hours, 12.4
Per cent of possible sunshine, 100
Prevailing wind direction, SE Total wind 174
Average hourly velocity, 7.2 Extreme velocity, 16
Maximum velocity, 16 Direction, W
Time began, 12:22 a
Reduced barometer, 29.99 7 a. m. 29.89 7 p. m.
River gage, 5.3 feet
Relative humidity, 73 7 a. m. 44 7 p. m.

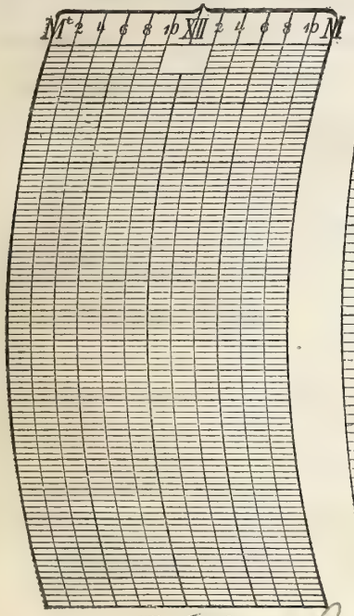
Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

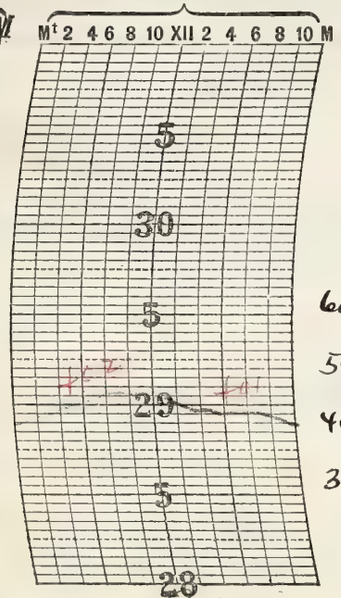
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 55.8 Wet temperature, 43.1
Dew-point, 27 R. humidity, 32 V. pressure, 143
Clouds: Amount, 0; Kind, 0; Direction, 0
Velocity of clouds (miles per hour)

THERMOGRAPH.



BAROGRAPH.



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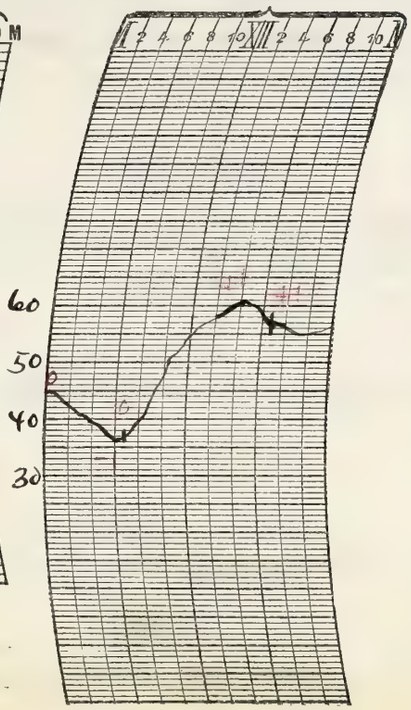


NOTES.

Clear, pleasant weather, with moonlight at night. Stratus-Cumulus clouds began to form at 10 pm

Prepared by J. C. McDonough

Verified by

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind, (Day of week) Sunday, (Date) March 28, 1920

Time (local standard) 90° mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	55	55	54	54	53	53	56	56	57	55	62	65
Nature of precipitation and time of beginning and ending									RB 8:55	RE 9:25 RB		
Amounts of precipitation / Cloudiness and other conditions						Rapid Cloudiness	8 Sc	Sc	10 St.	Sc St.	10 St.	Sc St.
Sunrise: Time, Character	5:31 Cloudy								Cloudy			
Moonrise	1:38 pm											
Sunshine (in tenths of hours)						0	0	0	0	.1	.5	.9
Wind direction	SE	SE	SE	SE	SE	SE	SE	SE	S	SE	SE	S
Wind movement	12	12	13	14	12	16	15	17	13	9	8	2.1
Maximum velocities (exceeding 29 miles) direction and time												

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	63	65	68	70	63	58	64	61	62	55	53	50
Nature of precipitation and time of beginning and ending					F. 4:58 TS	RB 5:00 TS L.	RE 6:05					
Amounts of precipitation / Cloudiness and other conditions	7 St	Sc St.	5	Sc St.	10 Nb	8 Sc			Rapid Clearing Moonlight			
Sunset: Time, Character									6:01 Cloudy			
Moonset									1:48 am			
Sunshine (in tenths of hours)	.4	.8	1.0	1.0	.6	0	0					
Wind direction	S	SE	SE	S	S	S	SW	SW	SW	W	SW	SW
Wind movement	25	22	26	29	31	25	21	18	25	30	25	26
Maximum velocities (exceeding 29 miles) direction and time	33 S 12:17		32 SE 2:48	36 S 3:57	38 S 4:11	31 S 5:16			33 SW 8:47	38 SW 9:13	34 SW 10:22	33 SW 11:33

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

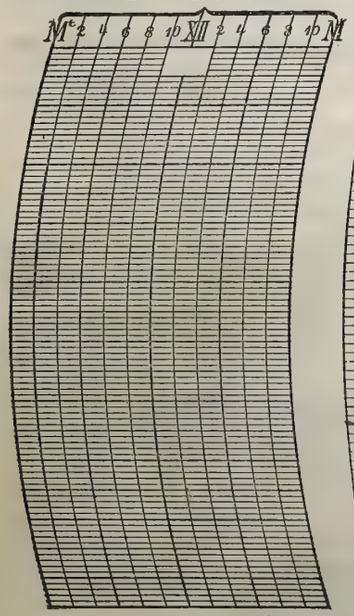
Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
70	50	60	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., .22 ins.
Total precipitation, midnight to midnight, .22 inches.
Character of day, Cloudy Moon phase
Average daily cloudiness (0-10), 8
Actual sunshine, hours, 5.3 Possible sunshine, hours, 12.5
Per cent of possible sunshine, 42
Prevailing wind direction, SE Total wind 465
Average hourly velocity, 19.4 Extreme velocity, 46-SW
Maximum velocity, 38 Direction, S
Time began, 4:11 p. m.
Reduced barometer, 29.67 7 a. m. 29.24 7 p. m.
River gage, 5.2
Relative humidity, 47 7 a. m. 81 7 p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 65.0 Wet temperature, 57.0
Dew-point, 51 R. humidity, 62 V. pressure, .373
Clouds: Amount, 9; Kind, St-Cu; Direction, S
Velocity of clouds (miles per hour)

THERMOGRAPH.



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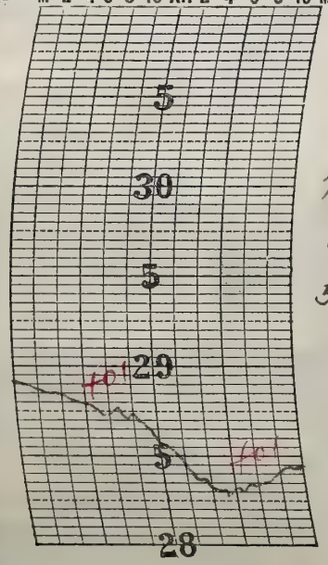
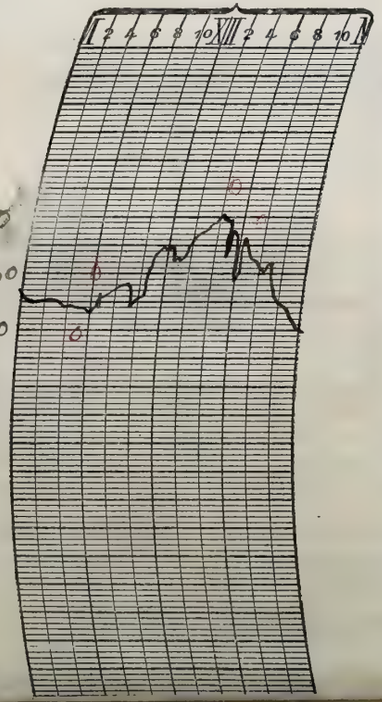


THERMOGRAPH.



NOTES.

Clouds formed rapidly this morning after 5:30 and cloudy, threatening weather prevailed throughout rest of morning until about noon with a light shower from the S.W. 8:55a to 9:25a. Thunder first heard at 9:35a and last about 9:45a.

Winds increased in velocity about noon to strong and continued through afternoon and night, reaching a maximum of 38 miles per hour.

A second thunderstorm began in afternoon - thunder first heard 4:58p and last heard at 5:50p.

See note

Prepared by ACR

Verified by P. McDonough

8—486

March 28th, 1920, continued.

In the eastern part of Allen County, Ind., the weather became decidedly threatening the evening of the 28th, and a destructive storm entered the county from the southwest, passing between Hoagland and Monroeville, and it moved in an irregular path to the northeast. It passed out of the county and and state at Edgerton, Ind., 19 miles to the eastward of Fort Wayne, leaving a trail of death and destruction in its path. The storm is reported to have entered Allen County at 5:30 p.m. and to have passed out of the county at Edgerton at 6:00 p.m. It is said to have had a funnel-shaped cloud and rotary winds, and the position of fallen trees and timbers from demolished buildings attests to the truth of these reports. The path of the storm was about a half mile to a mile wide, but it covered a sparsely settled area, Edgerton, with a popultation of about 200, being the most populous place in the storm's path. The farming element suffered the greatest loss in the way of damaged or demolished houses, barns, outhouses, and fences. The hamlet of Townley, which consisted of several houses, a store, a church, and an elevator, was completely wiped out and the timbers of the destroyed buildings were scattered over the adjacent fields. The town of Edgerton was badly damaged, but no lives were lost in that place. The fields along the storm's path were literally covered with timbers from demolished structures. Trees were up-rooted or twisted off and lay in all directions. In all there were probably 100 houses, barns, or outhouses either badly damaged or wiped out, entailing a loss estimated at about $1,000,000. There were 13 lives lost and 34 persons injured.

NATIONAL WEATHER SERVICE OFFICE, FORT WAYNE, INDIANA

The following is a complete copy of the Notes as recorded on Sunday, March 28, 1920 in the Climatological Daily Local Record for this office.

NOTES:

Clouds formed rapidly this morning after 5:30 and cloudy, threatening weather prevailed throughout rest of morning until about noon with a light shower from the SW 8:55a to 9:25a. Thunder first heard at 9:35a and last about 9:45a.

Winds increased in velocity about noon to strong and continued through afternoon and night, reaching a maximum of 38 miles per hour.

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Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind, (Day of week) Monday, (Date) Mar. 29, 1920

Time (local standard) 90th mer. normal time

	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	47	46	42	41	40	39	39	37	38	39	41	42
State of weather: Nature of precipitation and time of beginning and ending					RB DNa RE DNa							
Amounts of precipitation												
Cloudiness and other conditions							10 StCu		10 StCu		9 StCu	
	Sunrise: Time, 5:29; Character, Cloudy											
	Moonrise: 1:20p											
Sunshine (in tenths of hours)						0	0	.2	.2	0	.7	1.0
Wind direction	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	W
Wind movement	25	27	31	31	30	31	25	29	29	28	31	32
Maximum velocities (exceeding 29 miles) direction and time	33 SW 12:47	40 SW 1:29	35 SW 2:13	35 SW 3:23	34 SW 4:00	36 SW 5:43	30 SW 6:34	34 SW 7:50	36 SW 8:10	33 SW 9:47	38 W 10:27	38 SW 11:00

	P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	43	44	45	45	45	44	43	41	40	39	39	38
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions	9 StCu	Cirst 9 StCu	2 Cu		Few Cu			Bright Moonlight Cloudless				
	Cloudy											
			Pc.		Clear							
									Sunset: Time, 6:02; Character, Clear			
									Moonset: 2:30a			
Sunshine (in tenths of hours)	1.0	1.0	1.0	1.0	1.0	.8	.03					
Wind direction	W	W	W	W	W	W	W	W	SW	SW	SW	SW
Wind movement	33	31	34	29	22	19	15	10	10	10	9	8
Maximum velocities (exceeding 29 miles) direction and time	38 W 12:53	36 W 1:47	39 W 2:21	34 W 3:09								

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
50	36	43	

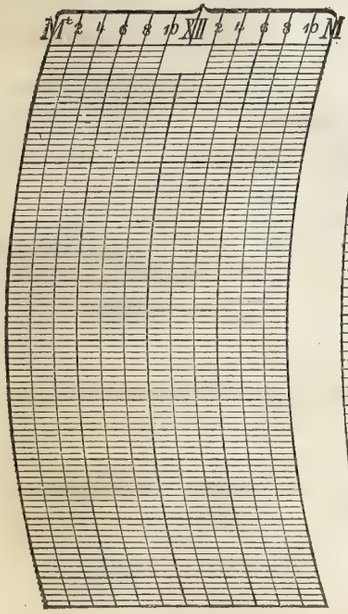
Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., .01 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, .01 inches.
Character of day, Pt. Cloudy, Moon phase,
Average daily cloudiness (0-10), 7
Actual sunshine, hours, 8.1 Possible sunshine, hours, 12.6
Per cent of possible sunshine, 64
Prevailing wind direction, SW Total wind 579
Average hourly velocity, 24.2 Extreme velocity, 46
Maximum velocity, 40 Direction, SW
Time began, 1:27a
Reduced barometer, 29.64 a. m. 29.94, p. m.
River gage, 5.54
Relative humidity, 68 a. m. 43 p. m.

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

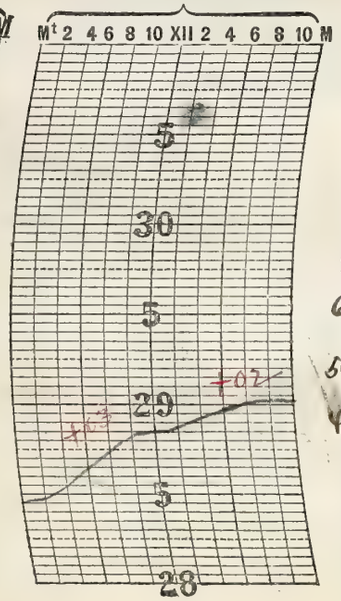
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 42.6 Wet temperature, 34.0
Dew-point, 20 R. humidity, 38 V. pressure, 10.3
Clouds: Amount, 10; Kind, StCu; Direction, W
Velocity of clouds (miles per hour)

THERMOGRAPH.



BAROGRAPH.



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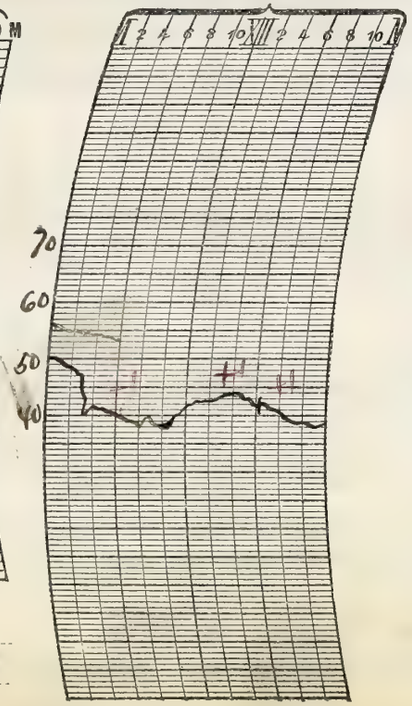


NOTES.

A light shower occurred during the early morning and cloudy conditions prevailed during the greater part of the morning, permitting only a little sunshine before 10:00 a.m. In the afternoon, however clouds were scattered after 1:30p and bright sunshine continued until sunset.

Bright moonlight during evening and night until about 10:00 p when last observed.

Strong winds prevailed all morning from SW with a max. of 40 mi shortly after midnight. During afternoon they veered to West and abated in intensity by sunset.

Prepared by A.C.K.
Verified by C. McDonough

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Tuesday, (Date) Mar. 30, 1920

Time (local standard). 90th mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	38	37	38	40	42	43	45	52	55	58	60	62	63	64	63	63	62	60	59	57	53	52	50	50
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions							4 Sc Cu		5 Sc Cu		1 St Cu		5 Cu		6 Cu		Few Cu		Cloudless Bright		Moonlight			
							Part Cloudy				Clear		Pt Cldy					Clear						
Sunrise: Time, Character	5:28 Cloudy																				Sunset: Time, Character	6:03 Clear		
Moonrise:	2:27p																				Moonset:	3:07a		
Sunshine (in tenths of hours)						0	.7 .3	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	.6 .4	.05 0					
Wind direction	SW	SW	SW	S	S	SW	SW	SW	SW	SW	SW	SW	W	W	W	W	W	W	W	SW	SW	S	S	S
Wind movement	8	8	9	10	10	13	15	20	22	24	24	25	26	27	27	20	18	13	7	6	8	9	9	10
Maximum velocities (exceeding 29 miles) direction and time														32 W 1:57	33 W 2:09									

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

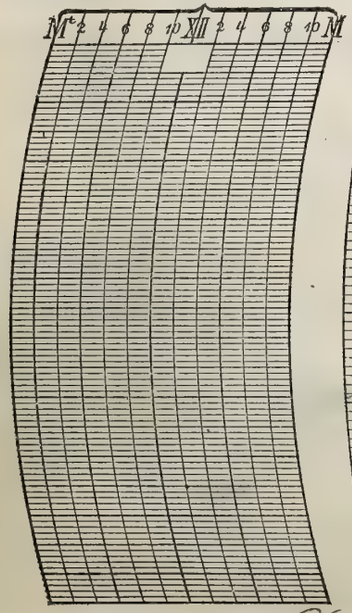
Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
64	37	50	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Pt Cloudy Moon phase,
Average daily cloudiness (0-10), 4
Actual sunshine, hours, 12.0 Possible sunshine, hours, 12.6
Per cent of possible sunshine, 95
Prevailing wind direction, SW Total wind 366
Average hourly velocity, 15.2 Extreme velocity, 36
Maximum velocity, 33 Direction, W
Time began, 2:09p
Reduced barometer, 29.97 a. m. 29.94, p. m.
River gage, 5.9 ft.
Relative humidity, 58 a. m. 38 p. m.

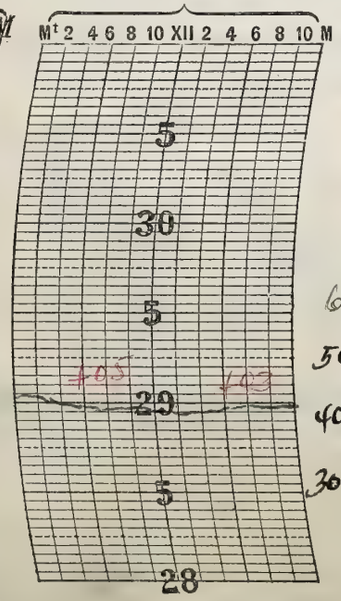
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 60.1 Wet temperature, 47.0
Dew-point, 32 R. humidity, 35 V. pressure, .180
Clouds: Amount, 0; Kind, 0; Direction, 0
Velocity of clouds (miles per hour)

THERMOGRAPH.



BAROGRAPH.



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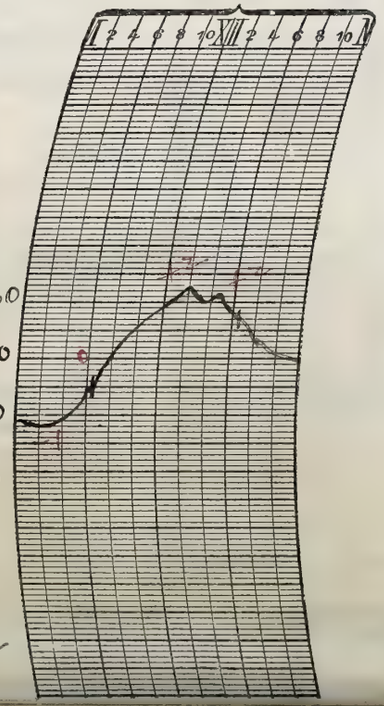


Prepared by G. R.
Verified by P. McDonough

NOTES.

Weather was somewhat warmer today and the maximum temperature reached 64°.

The sky was partially covered most of day until about 4:00 p m with low clouds but bright sunshine prevailed throughout except for a short period after sunrise.

Winds continued SW and W today — light in early morning but increased in intensity to strong during mid afternoon.

Bright moonlight during evening and night.

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind, (Day of week) Wednesday, (Date) Mar. 31, 192C

Time (local standard) 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	50	50	49	49	50	51	57	55	59	64	69	70
Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions							2Cu		5Cu		4StCu	
						Clear			Pt.Cldy			
Sunshine (in tenths of hours)						0	.3	1.0	.7	1.0	1.0	1.0
Wind direction	SW	SW	SW	SW	SW	S	S	SW	SW	SW	SW	SW
Wind movement	11	12	13	11	11	13	12	16	17	18	21	25

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	71	73	73	71	69	65	64	60	59	57	55	54
Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions	Cloudless		10St		5CiSt		1CiSt 5Cu		Bright Moonlight			
	Clear				Pt.Cy		Clear					
Sunshine (in tenths of hours)	1.0	1.0	1.0	1.0	1.0	.4	.6 .07 0					
Wind direction	SW	SW	SW	S	SW	S	S	S	S	S	S	S
Wind movement	23	23	23	25	21	14	15	15	14	16	14	13

Sunrise: Time, 5:26 Character, Cloudy
Moonrise: 3:32p
Sunset: Time, 6:04 Character, Clear
Moonset: 3:38a

Maximum velocities (exceeding 29 miles) direction and time: 31 S 4:00

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
73	48	60	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Clear Moon phase,
Average daily cloudiness (0-10), 3
Actual sunshine, hours, 11.1 Possible sunshine, hours, 12.6
Per cent of possible sunshine, 88
Prevailing wind direction, SW Total wind 396
Average hourly velocity, 16.5 Extreme velocity, 32
Maximum velocity, 31 Direction, S
Time began, 4:00p
Reduced barometer, 29.92 a. m. 29.81, p. m.
River gage, 5.0
Relative humidity, 54 a. m. 28 p. m.

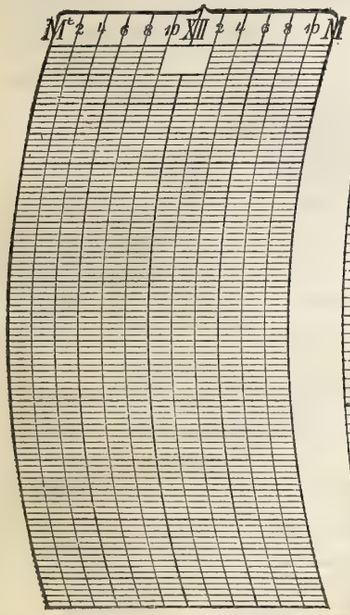
Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 68.8 Wet temperature, 51.2
Dew-point, 33 R. humidity, 26 V. pressure, .187
Clouds: Amount, 1; Kind, StCu; Direction, W
Velocity of clouds (miles per hour)

THERMOGRAPH.



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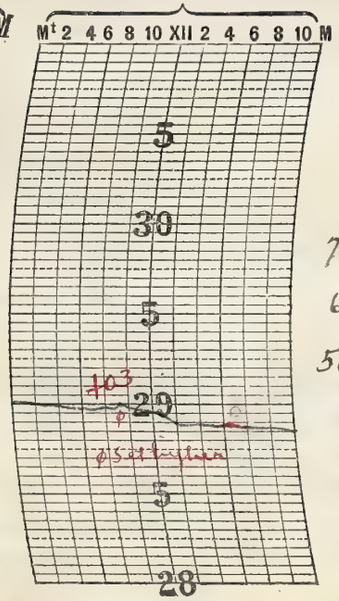

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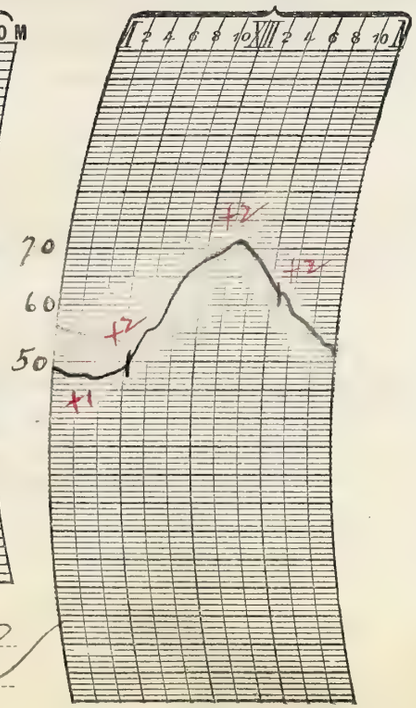


NOTES.

This was the warmest day of the month when a maximum of 73 degrees was reached in the middle part of afternoon.

Bright sunshine prevailed throughout greater part of day with few clouds in morning and mostly upper clouds in afternoon. Sky never was more than half covered with clouds.

Bright moonlight prevailed during evening and night until last observed about 10:30p.

Prepared by A. C. R.
Verified by P. McDonough

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Thursday, (Date) April 1, 192

Time (local standard). 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	54	53	54	54	55	56	56	58	59	60	65	69
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions							10 St Cu		10 Bst St Cu		10 St Cu	
Sunrise: Time, Character	5:24 Cloudy									39:00		
Moonrise:	4:37p											
Sunshine (in tenths of hours)						0	0	0	0	4	0	7
Wind direction	S	S	S	S	S	SE	SE	SE	SE	SE	S	S
Wind movement	9	9	9	9	7	9	12	11	15	15	17	24
Maximum velocities (exceeding 24 miles) direction and time												

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	70	71	72	69	67	64	64	62	61	60	59	60
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions	10 Bst St Cu		8 Bst Cu		10 Bst		5 Bst St Cu		Faint Moonlight 10 Bst St Cu			
	Cloudy						Sky		Clouds			
Sunset: Time, Character							6:06		6:06 Cloudy			
Moonset:									4:11a			
Sunshine (in tenths of hours)	1.0	1.0	1.0	1.0	.5	1.0 0	0					
Wind direction	S	S	S	S	S	S	S	S	S	S	S	S
Wind movement	26	26	28	27	24	19	15	11	10	12	13	14
Maximum velocities (exceeding 24 miles) direction and time	34 S 2:07	32 SW 1:09	34 S 2:13	33 3:10								

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
72	52	62	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0-10), 10
Actual sunshine, hours, 6.6 Possible sunshine, hours, 12.7
Per cent of possible sunshine, 52
Prevailing wind direction, South Total wind 371
Average hourly velocity, 15.5 Extreme velocity, 39-SW
Maximum velocity, 34 Direction, S
Time began, 2:13p
Reduced barometer, 29.67 a. m. 29.44, p. m.
River gage, 4.6
Relative humidity, 72 a. m. 70 p. m.

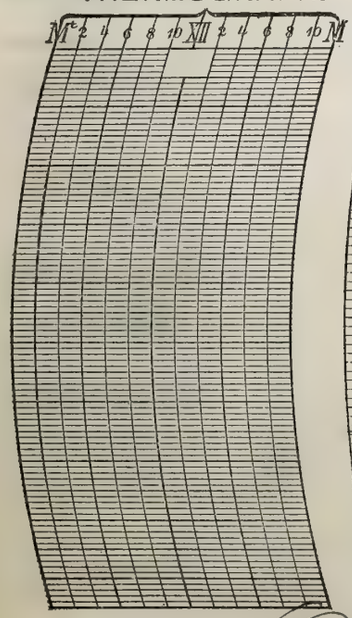
Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

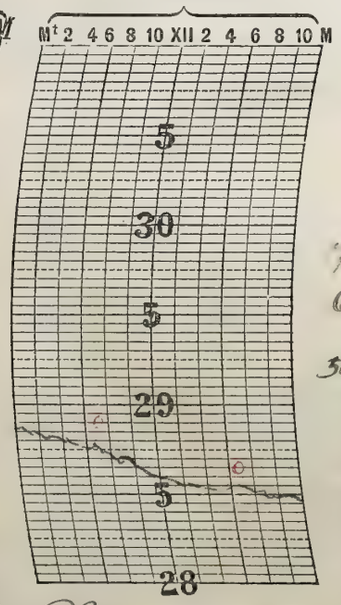
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 66.0 Wet temperature, 57.8
Dew-point, 53 R. humidity, 61 V. pressure, .402
Clouds: Amount, 9; Kind, St Cu; Direction, SW
Velocity of clouds (miles per hour)

THERMOGRAPH.



BAROGRAPH.



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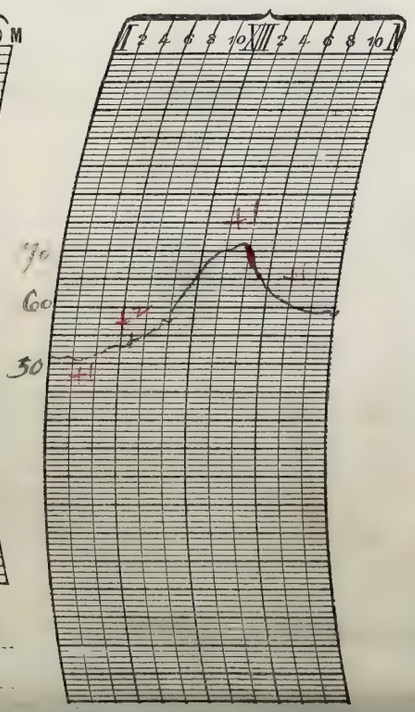


NOTES

Record kept in Central Standard time beginning April 1, and kept in Central Standard time before April 15, 1920 (Consult Central records)

Weather warm again today. Low clouds covered the sky during the morning and permitted practically no sunshine but in afternoon these broke apart permitting moderately bright sunshine through upper clouds during greater part of afternoon till sunset.

A Solar Halo of 22° observed from 1:42p until 1:55p. Brightest at 1:46p with red, orange and yellow visible 240° arc.

A Lunar Halo began to form suddenly at 8:05p on Alto Stratus Clouds at 8:09 it was brightest with 180° arc. Phenomenon disappeared by 8:15p.

Strong winds from South during afternoon.

Prepared by A. A. Rheinfrank

Verified by P. McDonough

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Friday, (Date) APR 2 1920, 192

Time (local standard) 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	60	59	58	54	54	53	52	42	40	39	39	39
Nature of precipitation and time of beginning and ending					RG 4:00	RE DNa			RG 8:57	RE 9:03		
Amounts of precipitation					.24				T			
Cloudiness and other conditions					10 NB		10 Stcu St.		10 StCu		10 StCu	
Sunshine (in tenths of hours)						0	0	.2	.0	.1	.1	.8
Wind direction	S	S	S	SW	SW	SW	SW	SW	SW	SW	SW	SW
Wind movement	16	18	14	18	18	17	22	31	29	30	37	33
Maximum velocities (exceeding 24 miles) direction and time							30 SW 6:43	37 SW 7:52	34 SW 8:52	35 SW 9:17	42 SW 10:32	40 SW 11:53

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	40	43	44	43	43	43	42	41	39	38	37	35
Nature of precipitation and time of beginning and ending					SMB 4:08 Flurries	SME 5:15						
Amounts of precipitation					T	T						
Cloudiness and other conditions	9 St Cu		8 Stcu St.		8 Stcu St.		1 Cu		Bright Moonlight			
Sunshine (in tenths of hours)	.9	1.0	1.0	.4	.1	0	0					
Wind direction	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW
Wind movement	34	34	37	37	36	35	25	25	21	20	19	18
Maximum velocities (exceeding 24 miles) direction and time	40 SW 12:05	37 SW 1:47	41 SW 2:53	48 SW 3:07	48 SW 4:01	41 SW 5:03						

Cloudy → Clear

Sunrise: Time, 5:23 Character, Cloudy

Moonrise: 5:41p

Sunset: Time, 6:17 Character, Cloudy

Moonset: ~~5:17a~~ 4:42am

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
60	35	48	

Total depth of snow for 24 hours ending 7 p. m., T inches.

Snow, sleet, and hail on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, T inches.

Precipitation to 7 a. m., .24 ins.; to 7 p. m., T ins.

Total precipitation, midnight to midnight, .24 inches.

Character of day, Cloudy Moon phase,

Average daily cloudiness (0-10), 9

Actual sunshine, hours, 4.6 Possible sunshine, hours, 12.7

Per cent of possible sunshine, 36

Prevailing wind direction, SW Total wind 624

Average hourly velocity, 26.0 Extreme velocity, 60-SW

Maximum velocity, 48 Direction, SW

Time began, 3:07 P.M.

Reduced barometer, 29.36 a. m. 29.76 p. m.

River gage, 4.3 feet

Relative humidity, 75 a. m. 44 p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 40.2 Wet temperature, 34.0

Dew-point, 24 R. humidity, 52 V. pressure, .124

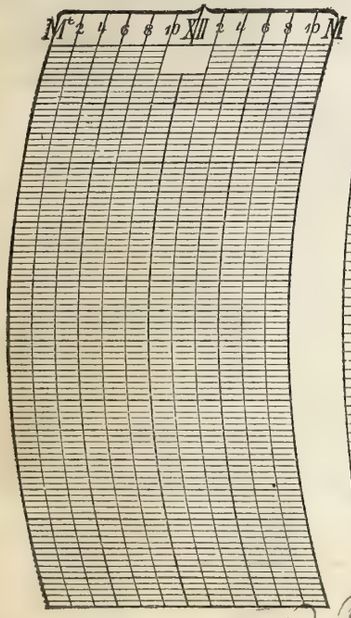
Clouds: Amount, 10; Kind, StCu; Direction, W

Velocity of clouds (miles per hour)

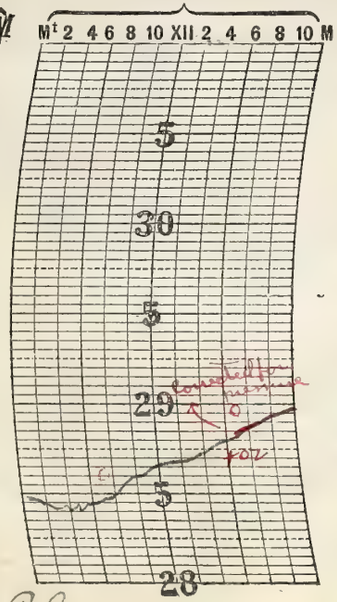
Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

THERMOGRAPH.



BAROGRAPH.



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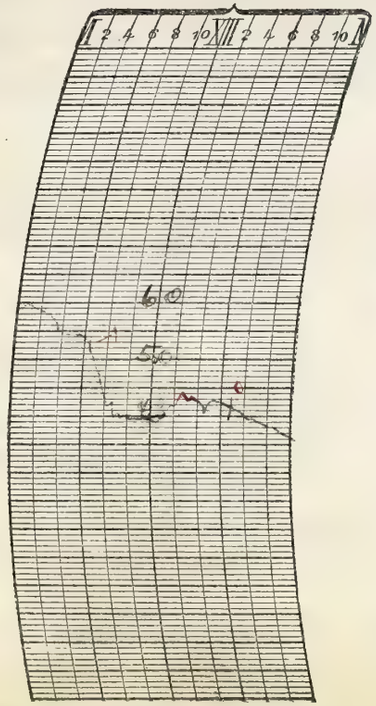


Prepared by W. R. Freyfrank

Verified by P. McDonough

8—486

NOTES.

* Estimated—sheet taken from register before period ended

* Melted as it fell.

The weather was considerably cooler today. A light rain occurred during the early morning before sunrise and cloudy conditions prevailed during greater part of morning. Pressure was low. The sun shone during early part of afternoon but a light snow storm occurred between 4:08p and 5:15p with intermittent sunshine. Clear conditions prevailed after 6:30p and bright moonlight until midnight. Thunder accompanied the shower of early morning but it was of short duration.

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Saturday, (Date) APR 3 1926, 192

Time (local standard). mer. normal time.	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	33	33	33	33	34	34	35	38	40	43	43	44	45	44	44	43	43	42		35	34	33	32	31
State of weather. Nature of precipitation and time of beginning and ending																				Snow 7.08	Snow	Flurries		
Amounts of precipitation																						.01		
Cloudiness and other conditions							9 Sct Cu		9 Sct Cu		10 Ast		10 Ast		10 Ast		10 Ast.		10 St.					
	Sunrise: Time, Character, 5:21 Cloudy												Cloudy								Sunset: Time, Character, 6:08 Cloudy			
	Moonrise: 6:42 p																				Moonset: ~~5:44a~~ 5:12 am			
Sunshine (in tenths of hours)						0	0	.3	1.0	1.0	1.0	.8	1.0	.5	0	0	0	0	0					
Wind direction	SW	SW	SW	SW	SW	SW	SW	SW	W	W	W	W	NW	N	N	NE	NE	NE	NE	NE	NE	NE	NE	NE
Wind movement	17	15	14	16	13	11	10	12	10	10	8	8	8	8	7	8	10	13	11	16	17	19	15	18
Maximum velocities (exceeding ---- miles) direction and time																								

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
45	31	38	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches. ⊗
Total snowfall, midnight to midnight, 0.1 inches. Estimated
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, .01 inches.
Character of day, Cloudy Moon phase, Full Moon 4:55 a.m.
Average daily cloudiness (0-10), 10
Actual sunshine, hours, 7.6 Possible sunshine, hours, 12.8
Per cent of possible sunshine, 59
Prevailing wind direction, NE Total wind 294
Average hourly velocity, 12.2 Extreme velocity, 22
Maximum velocity, 21 Direction, NE
Time began, 9:22 p
Reduced barometer, 30.07 a. m. 30.01 p. m.
River gage, 4.0 feet
Relative humidity, 52 a. m. 43 p. m.

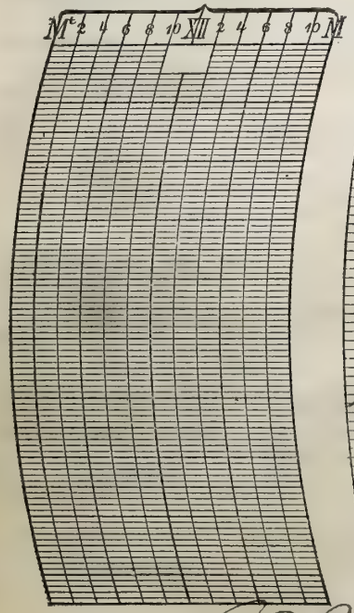
Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 43.2 Wet temperature, 33.6
Dew-point, 17 R. humidity, 32 V. pressure, .089
Clouds: Amount, 10; Kind, Ast; Direction, W
Velocity of clouds (miles per hour)

THERMOGRAPH.



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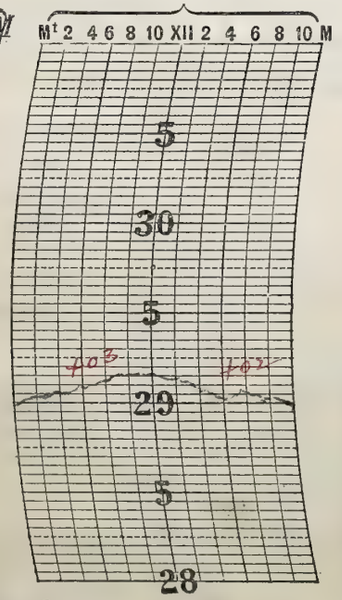

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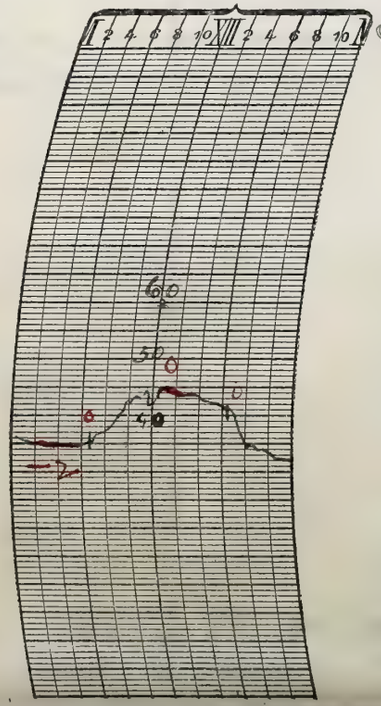


NOTES.

† Faint sunshine through 7 St Clouds.
⊗ Partially melted as it fell

Weather continued today somewhat like Friday. Temperature was slightly lower and winds were much lower in velocity changing from SW to NE during the course of the day.

Sky was covered most of day with upper clouds and permitted only faint sunshine except for a while in the morning.

A Solar Halo of 22° was observed from about 10:03a to 10:30a, at 10:15a it was very brilliant with arc of 180° on upper portion and lower tangential arc at lower portion.

Prepared by A. R. Hemfrank
Verified by F. McDonough

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Sunday, (Date) APR 4 1920, 192

Time (local standard) 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	31	31	30	30	31	31	32	33	33	32	31	31
Nature of precipitation and time of beginning and ending				SNE 3-8 H.N.		Light Snow						
Amounts of precipitation				.09								.28
Cloudiness and other conditions							10St		10Nb		10Nb	

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	30	31	31	30	30	29	28	28	28	28	26	25
Nature of precipitation and time of beginning and ending			Light Snow				Fine Snow to Flurries					
Amounts of precipitation										.02		
Cloudiness and other conditions			10Nb		10St		10Nb					

Cloudy

Sunrise: Time, 5:19 Character, Cloudy

Moonrise: 7:43p

Sunset: Time, 6:09 Character, Cloudy

Moonset: 6:18a 5:44a.m.

	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Sunshine (in tenths of hours)						0	0	0	0	0	0	0
Wind direction	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE
Wind movement	19	20	21	23	19	18	18	18	21	21	22	23
Maximum velocities (exceeding 24 miles) direction and time												

	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Sunshine (in tenths of hours)	0	0	0	0	0	0	0					
Wind direction	NE	NE	NE	NE	NE	N	N	N	N	N	NW	NW
Wind movement	24	23	22	20	15	10	12	13	14	14	15	15
Maximum velocities (exceeding 24 miles) direction and time			31 NE 2:13	39 NE 3:52								

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
33	25	29	

Total depth of snow for 24 hours ending 7 p. m., 4.0 inches.

Snow, sleet, and hail on ground 7 p. m., 3.0 inches.

Total snowfall, midnight to midnight, 4.1 inches. Estimated

Precipitation to 7 a. m.; .10 ins.; to 7 p. m., .28 ins.

Total precipitation, midnight to midnight, .39 inches. Estimated

Character of day, Cloudy Moon phase,

Average daily cloudiness (0-10), 10

Actual sunshine, hours, 0 Possible sunshine, hours, 12.8

Per cent of possible sunshine, 0

Prevailing wind direction, NE Total wind 442

Average hourly velocity, 18.4 Extreme velocity, 33

Maximum velocity, 31 Direction, NE

Time began, 2:13 p.m.

Reduced barometer, 29.74 a. m. 29.39 p. m.

River gage, 3.8 ft.

Relative humidity, 95 a. m. 98 p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

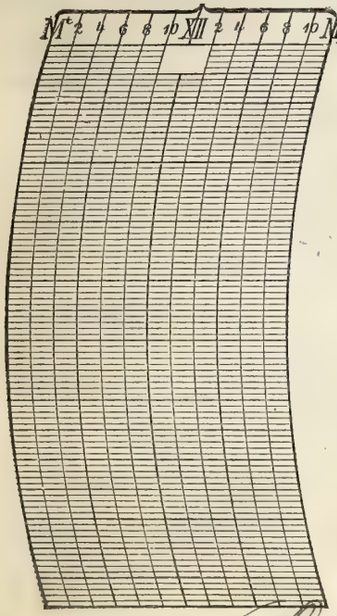
Dry temperature, 30.8 Wet temperature, 30.8

Dew-point, 31 R. humidity, 100 V. pressure, .172

Clouds: Amount, 10; Kind, Nb; Direction, NE

Velocity of clouds (miles per hour)

THERMOGRAPH.



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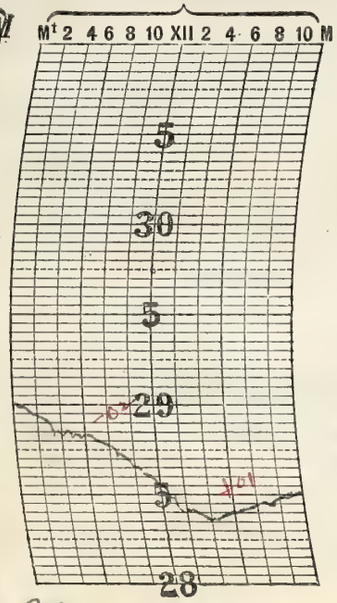

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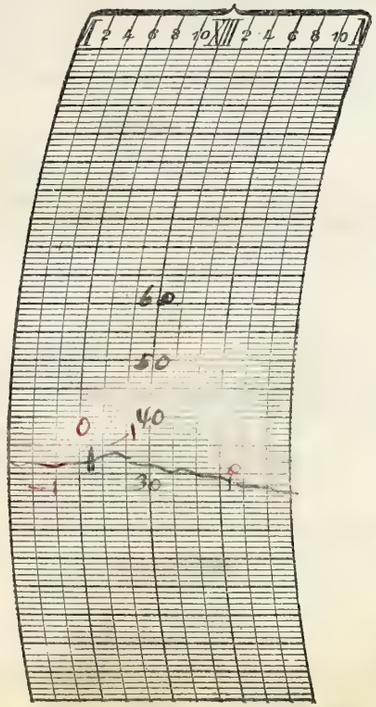


Prepared by C. L. Rheinfrank

Verified by P. McDonough

8—486

NOTES.

Snowfall measurement.
Snowfall to 7:00a 1.0 inches
Precipitation to 7:00a .10 inches
Snowfall to 7:00p 3.0 inches
Precipitation to 7:00p .28 inches
Total amount from midnight to midnight estimated at 4.1 in. snowfall or .39 in. precip.
Density less than 1.

Today, Easter Sunday, was very stormy with light snow and snow flurries all day and strong winds from NE and N. Conditions under foot were bad due to the partially melted snow. Temperature was below freezing most of day.

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) [illegible], (Date) APR [illegible], 192

Time (local standard). mer. normal time.	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	25	25	24	23	22	21	20 Mi	24	25	26	27	28	28	28	28	27	27	27	26	25	24	23	22	22
State of weather: Nature of precipitation and time of beginning and ending	Lt Snow							Flurries																
Amounts of precipitation				0					T															
Cloudiness and other conditions							10 St		10 St.		10 Stcu St.		10 Cu	10 Cist		9 Cu	9 Cist	2 Stcu	Few St.					
Sunrise: Time, Character,	5:17 Cloudy										Cloudy								Clear					
Moonrise:	8:42p								8:03															
Sunset: Time, Character,																			6:10 Clear					
Moonset:																			6:19pm					
Sunshine (in tenths of hours)						0	0	0	.8	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	.2 .16	0					
Wind direction	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	W	W	W	W	W	W	W	W	W	SW	SW	SW
Wind movement	14	13	14	15	17	16	16	17	16	15	12	6	19	19	20	20	19	12	9	9	10	11	9	9
Maximum velocities (exceeding ____ miles) direction and time																								

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
28	20	24	

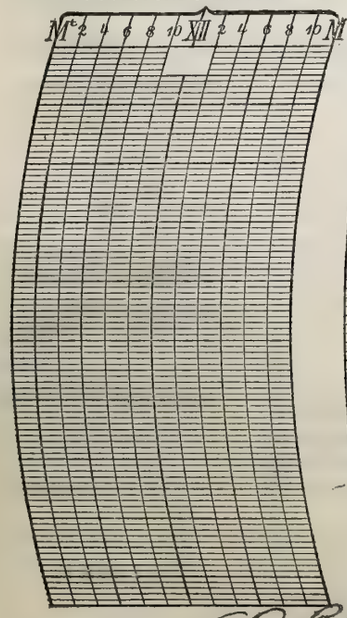
Total depth of snow for 24 hours ending 7 p. m., 1.0 inches.
Snow, sleet, and hail on ground 7 p. m., 1.0 inches.
Total snowfall, midnight to midnight, .8 inches. → Estimate for 24 hrs
Precipitation to 7 a. m., .10 ins.; to 7 p. m., T ins.
Total precipitation, midnight to midnight, .08 inches. Estimate for 24 hrs
Character of day, Cloudy Moon phase, ____
Average daily cloudiness (0–10), 8
Actual sunshine, hours, 10.0 Possible sunshine, hours, 12.9
Per cent of possible sunshine, 78
Prevailing wind direction, NW Total wind 348
Average hourly velocity, 14.5 Extreme velocity, 25
Maximum velocity, 24 Direction, W
Time began, 2:19 p.m.
Reduced barometer, 29.69 a. m. 29.81 p. m.
River gage, ____
Relative humidity, 75 a. m. 57 p. m.

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 27.8 Wet temperature, 24.0
Dew-point, 16 R. humidity, 57 V. pressure, .085
Clouds: Amount, 5/4; Kind, Stcu/St; Direction, NW/NW
Velocity of clouds (miles per hour)

THERMOGRAPH.



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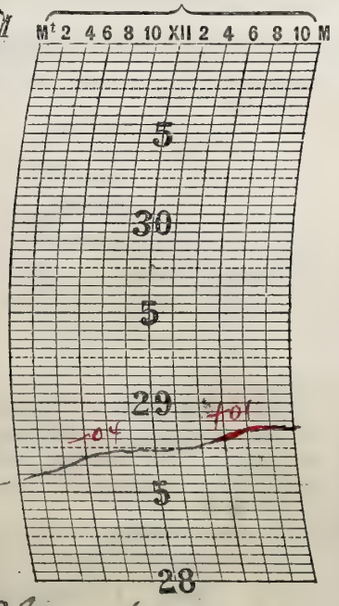

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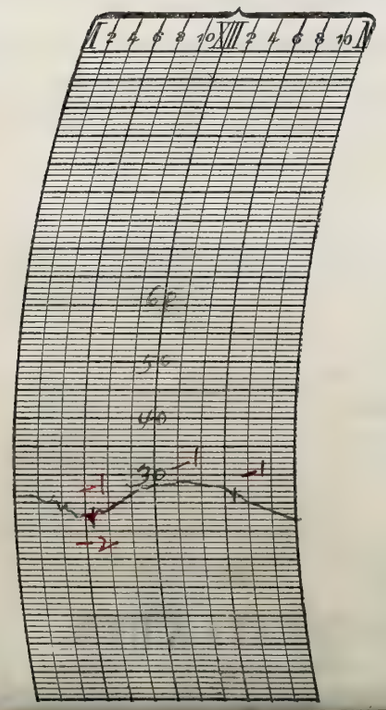


NOTES.

⊕ Sunshine through broken clouds.

Snowfall measurement
Snowfall to 7:00a 1.0 inch
Snowfall to 7:00p T
Precipitation to 7:00a .10 inches
Precipitation to 7:00p T

The snowfall which began Saturday night and continued through yesterday and last night ended this morning about 10:00a.

The weather was cold with temperatures below freezing all day and with moderate wind from NW in morning shifting to W in afternoon.

A clearing occurred about sunset and cloudless conditions prevailed at 8:00p.

Solar Halo observed 3:30 to 3:40p
Faint with arc of 150°. No colors discernible.

Prepared by A. C. Shumfrank
Verified by A. M. Dorough

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) ~~Friday~~ Tuesday, (Date) APR 9 1929, 192

Time (local standard). mer. normal time.	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	21	21	21	21	23	25	26	29	30	31	32	33	34	35	34	36	35	35	35	34	33	33	31	30
State of weather. Nature of precipitation and time of beginning and ending								SdB 7:33	Light S now				Flurries			SdE 3:40								
Amounts of precipitation												.03												
Cloudiness and other conditions							9 CuSt		10 St		10 Nb		10 St		10 Nb		8 CiSt CuSt		10 CiSt CuSt					
Sunrise: Time, Character,	5:16 Cloudy										Cloudy										Sunset: Time, Character, 6:11 Cloudy			
Moonrise:	9:38p																				Moonset: ~~7:34a~~ 6:55am			
						B5:50 E6:53												E5:20						
						.2	.9										.6	3						
Sunshine (in tenths of hours)						0	0	0	0	0	0	0	0	0	0	0	.3	0	0					
Wind direction	SW	SW	SW	SW	SW	S	S	S	S	S	S	S	SW	SW	SW	W	W	W	SW	SW	W	W	W	W
Wind movement	9	6	6	8	6	6	7	9	8	9	11	10	12	11	9	10	11	11	9	11	13	11	12	12
Maximum velocities (exceeding ____ miles) direction and time																								

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
36	21	28	

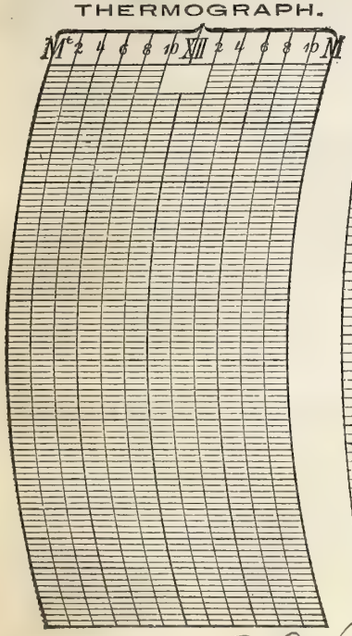
Total depth of snow for 24 hours ending 7 p. m., 0.3 inches.
Snow, sleet, and hail on ground 7 p. m., 0.5 inches.
Total snowfall, midnight to midnight, 0.3 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., .03 ins.
Total precipitation, midnight to midnight, .03 inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0-10), 9
Actual sunshine, hours, 2.3 Possible sunshine, hours, 12.9
Per cent of possible sunshine, 18
Prevailing wind direction, SW Total wind 227
Average hourly velocity, 9.5 Extreme velocity, 18
Maximum velocity, 17 Direction, W
Time began, 8:38p.m.
Reduced barometer, 29.79 a. m. 29.69 p. m.
River gage, 3.7
Relative humidity, 75 a. m. 44 p. m.

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 32.1 Wet temperature, 31.6
Dew-point, 31 R. humidity, 95 V. pressure, .172
Clouds: Amount, 10; Kind, Nb; Direction, S
Velocity of clouds (miles per hour)

THERMOGRAPH.



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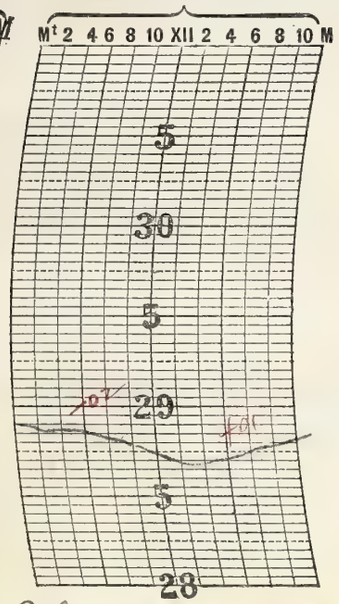
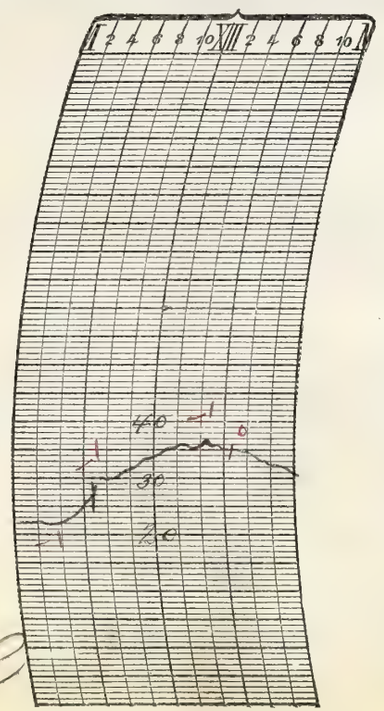


THERMOGRAPH.



Prepared by G. C. Bergstrank
Verified by G. M. McDonough

8—486

NOTES.

~~φ~~ By eye through upper clouds.

Weather continued cold this morning with a minimum of 21 degrees. Fair conditions prevailed in early morning and sun shone through thin upper clouds. However, shortly after 7:00a Stratus clouds began to form rapidly and snow flurries began at 7:33a. These intermittently with light snow fell until 3:40p.m. Winds were light from S to W.

A faint left Parhelion was observed at 6:40 a.m.

Light deposit of frost (Killing Frost) was observed in depressed places.

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Wednesday, (Date) APR 7 1920, 192

Time (local standard). mer. normal time.	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	30	30	28	27	26	27	28	32	34	35	35	36	36	36	36	36	37	34	33	30	29	29	27	26
State of weather. Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions					Cloudless				Few Cu		5 Cu		5 Cu		5 Cu		7	5 Cu 3 St	1 St					
							Clear						Pt. Cloudy						Clear					
Sunrise: Time, Character,	5:16 Clear																				Sunset: Time, Character,	6:12 Cloudy		
Moonrise:	10:31 P																		E 6:05		Moonset:	7:36 a.m.		
Sunshine (in tenths of hours)						77 0	.1 .9	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	.8	.5 .1	.1 0					
Wind direction	W	W	W	W	W	W	W	W	W	SW	W	W	W	W	W	W	W	W	NW	NW	NW	NW	W	NW
Wind movement	12	16	15	15	13	13	15	16	17	20	26	28	28	29	29	28	24	13	9	7	5	5	4	5
Maximum velocities (exceeding ____ miles) direction and time											33 W 10:33	35 W 11:36	32 W 12:23	32 W 1:31	31 W 2:52	34 NW 3:25	30 W 4:26							

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

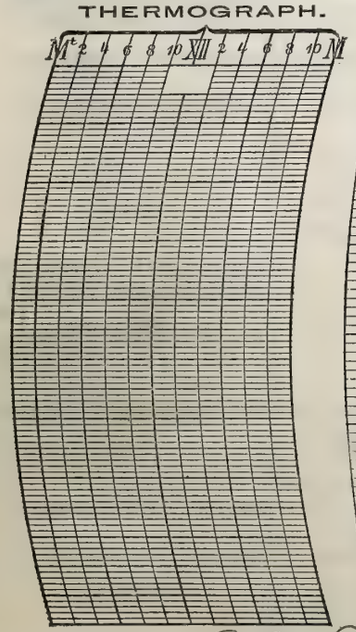
Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
37	26	32	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., T inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Pt. Cloudy Moon phase,
Average daily cloudiness (0-10), 4
Actual sunshine, hours, 12.6 Possible sunshine, hours, 13.0
Per cent of possible sunshine, 97
Prevailing wind direction, W Total wind 392
Average hourly velocity, 16.3 Extreme velocity, 41
Maximum velocity, 37 Direction, W
Time began, 2:52 p m
Reduced barometer, 29.89 a. m. 29.89, p. m.
River gage, 3.5 ft
Relative humidity, 64 a. m. 51 p. m.

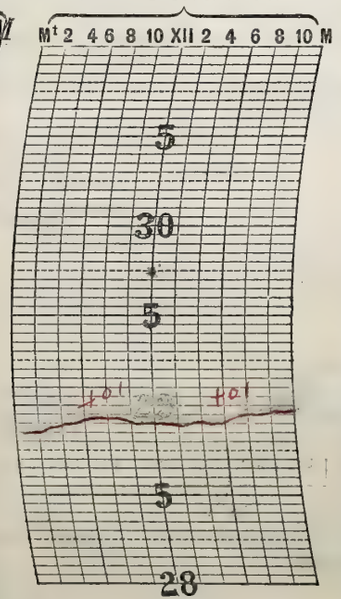
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 34.3 Wet temperature, 28.2
Dew-point, 16 R. humidity, 44 V. pressure, .085
Clouds: Amount, 4; Kind, Cu; Direction, NW
Velocity of clouds (miles per hour)

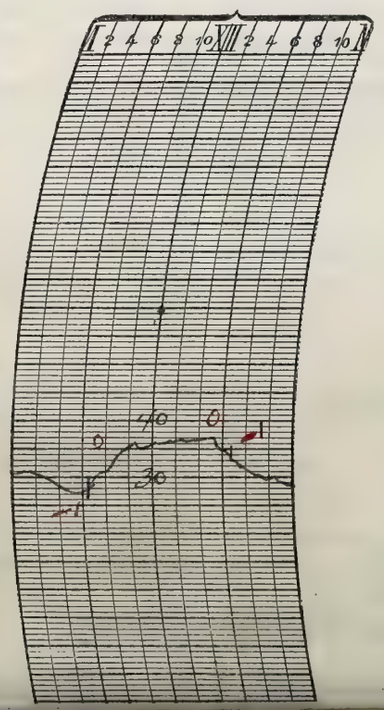
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

Cool weather continued today with 37 degrees as the highest temperature during the afternoon.

Winds were strong again during the middle part of day, reaching a maximum velocity of 37 miles per hour from west.

Killing frost was observed in the morning.

Frost warning sent in morning forecast for night of April 7 and 8.

Prepared by G. C. Rhenfrank
Verified by F. M. Donough

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Tuesday, (Date) APR. 1926, 192

Time (local standard). mer. normal time.	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	26	25	25	25	25	26	27	28	29	32	35	37	39	41	41	42	42	40	37	33	32	32	32	32
State of weather: Nature of precipitation and time of beginning and ending						Flurries																		
Amounts of precipitation					— T —																			
Cloudiness and other conditions					10 St		2 St Cu		8 Cu		6 Cu		5 Cu		7 Cu		9 St Cu		1 St Cu					
	Cloudy						Clear		Cloudy				Pt. Cloudy				Cloudy		Clear					
Sunrise: Time, Character,	5:13 Cloudy																							
Moonrise:	11:20 p																							
Sunset: Time, Character,																					6:13 Cloudy			
Moonset:																					~~9:00~~ 8:21 a.m.			
Sunshine (in tenths of hours)						0	.5	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	.9	0	0	0					
Wind direction	W	W	NW	NW	NW	W	W	W	W	W	W	W	W	W	W	W	W	W	NW	N	N	N	N	N
Wind movement	6	8	11	10	8	7	10	14	17	17	19	20	21	20	21	23	17	12	12	8	6	3	2	3
Maximum velocities (exceeding ____ miles) direction and time																								

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
42	25	34	✓

Total depth of snow for 24 hours ending 7 p. m., T inches.
Snow, sleet, and hail on ground 7 p. m., T inches.
Total snowfall, midnight to midnight, T inches.
Precipitation to 7 a. m., T ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, T inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0-10), 8
Actual sunshine, hours, 9.4 Possible sunshine, hours, 13.0
Per cent of possible sunshine, 72
Prevailing wind direction, W Total wind 295
Average hourly velocity, 12.3 Extreme velocity, 32
Maximum velocity, 27 Direction, W
Time began, 3:30 p. m.
Reduced barometer, 29.99 a. m. 29.89, p. m.
River gage, 3.7 feet
Relative humidity, 62 a. m. 51 p. m.

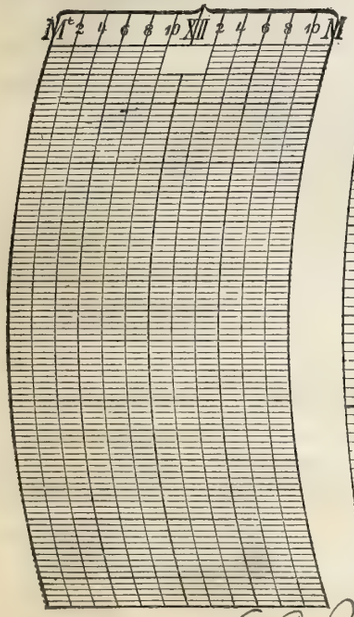
Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

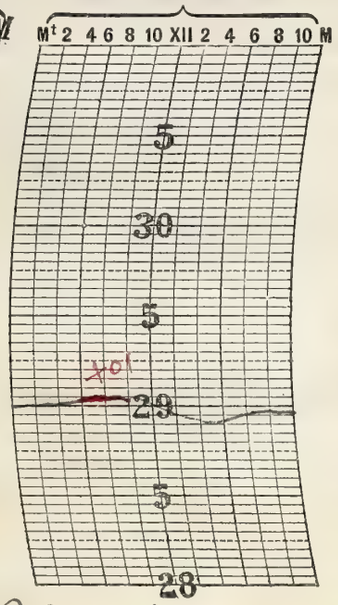
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 36.1 Wet temperature, 31.6
Dew-point, 25 R. humidity, 61 V. pressure, 1.30
Clouds: Amount, 5; Kind, Cu; Direction, NW
Velocity of clouds (miles per hour)

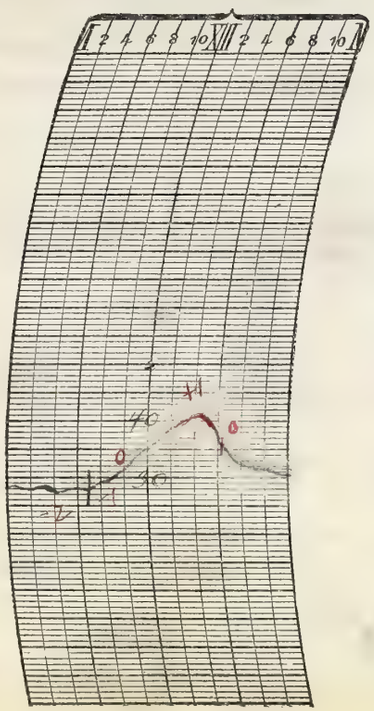
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

The weather today showed only slight changes to that of yesterday. The minimum was one degree warmer and maximum five degrees higher. Snow flurries and light frost (killing frost) occurred during the early morning. Partly cloudy to cloudy conditions prevailed most of day but as a whole it was very pleasant, except that it was a little cool. Winds were light to moderate from west to northwest.

Prepared by A. C. Rheinfrank
Verified by P. McDonough

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) [illegible], (Day of week) Friday, (Date) APR 9 1909, 192

Time (local standard) 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	31	29	28	28	27	28	30	33	34	35	36	37	38	38	39	38	38	36	35	34	32	31	30	29
State of weather. Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions						Cloudless			2 Cu		10 St Cu		10 St Cu		10 St Cu		5 Ci St St Cu		1 St					
						Clear					Cloudy						P Cy		Clear					
Sunshine (in tenths of hours)						.1	1.0	1.0	1.0	1.0	.8	1.0	1.0	1.0	.2	0	0	.4	0					
Wind direction	N	N	N	N	N	N	N	N	N	NE	N	N	N	N	NW	N	N	N	N	N	N	E	E	E
Wind movement	2	2	3	3	4	4	4	6	9	9	9	8	8	8	7	7	6	6	6	4	5	4	4	3
Maximum velocities (exceeding 24 miles) direction and time																								

Sunrise: Time, 5:11 Character, Clear

Moonrise: ---

Sunset: Time, 6:14 Character, Clear

Moonset: ~~[illegible]~~ a 9:10 a.m.

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
39	27	33	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow, sleet, and hail on ground 7 p. m., T inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Pt Cloudy Moon phase,

Average daily cloudiness (0-10), 5

Actual sunshine, hours, 10.0 Possible sunshine, hours, 13.0

Per cent of possible sunshine, 77

Prevailing wind direction, N Total wind 131

Average hourly velocity, 5.5 Extreme velocity, 11

Maximum velocity, 11 Direction, NE

Time began, 9:25 a.m.

Reduced barometer, 29.991 a. m. 30.04 p. m.

River gage, 3.7 feet

Relative humidity, 73 7 a. m. 53 7 p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

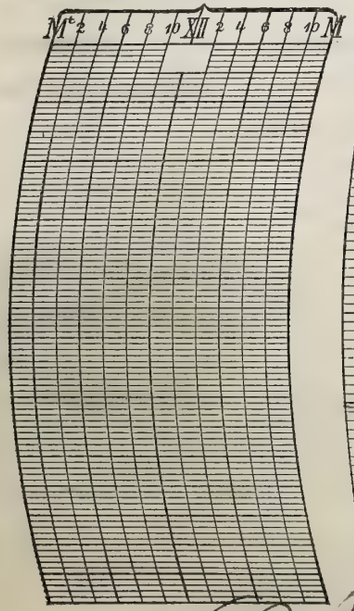
Dry temperature, 35.5 Wet temperature, 31.1

Dew-point, 24 R. humidity, 61 V. pressure, .124

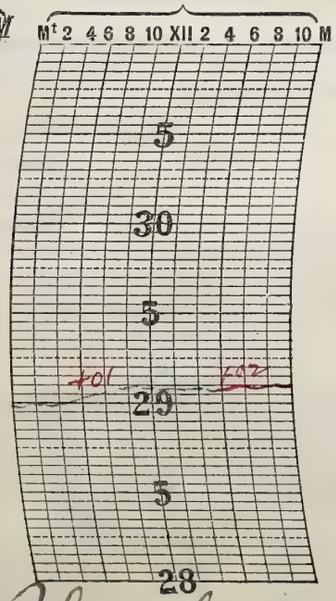
Clouds: Amount, 10; Kind, St Cu; Direction, N

Velocity of clouds (miles per hour)

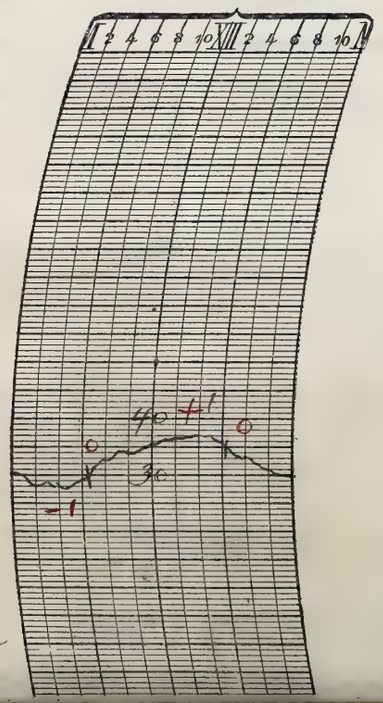
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

Weather continued fair and cool with a killing frost in the morning. Winds were light from north.

Frost warning in morning forecast for tonight and Saturday.

Prepared by A. C. Rhumbaugh

Verified by T. McDonough

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Saturday, (Date) APR 10 1920, 192

Time (local standard). 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	29	28	28	26	26	28	30	33	37	38	40	43	44	47	46	47	45	45	45	44	42	41	38	37
State of weather. Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions							8 Ci.St Cu		8 Ci.St Cu		8 Ci.St		5 Ci.St Cu		6 Cu		7 Ci.St Cu		8 St.St					
	Sunrise: Time, 5:09 Character, Cloudy							Cloudy							Partly Cloudy				Cloudy			Sunset: Time, 6:15 Character, Cloudy		
	Moonrise: Rise 4a						Blue												E 6:10			Moonset: ~~10:59 p~~ 10:03 am		
Sunshine (in tenths of hours)						0	.4	0	.7	.9	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0 .2	0					
Wind direction	E	E	E	SE	SE	SE	SE	SE	SE	NE	N	NE	E	N	NW	N	N	N	NE	SE	S	S	SE	SE	S
Wind movement	3	2	2	2	2	2	3	2	3	5	5	4	5	6	4	6	4	3	3	4	5	7	7	10
Maximum velocities (exceeding 29 miles) direction and time																								

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
47	26	36	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow, sleet, and hail on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Cloudy Moon phase,

Average daily cloudiness (0-10), 8

Actual sunshine, hours, 10.2 Possible sunshine, hours, 13.1

Per cent of possible sunshine, 78

Prevailing wind direction, SE Total wind 99

Average hourly velocity, 4.1 Extreme velocity, 11

Maximum velocity, 11 Direction, S

Time began, 11:23 p

Reduced barometer, 30.107 a. m. 30.027 p. m.

River gage, 3.4

Relative humidity, 44 7 a. m. 45 7 p. m.

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

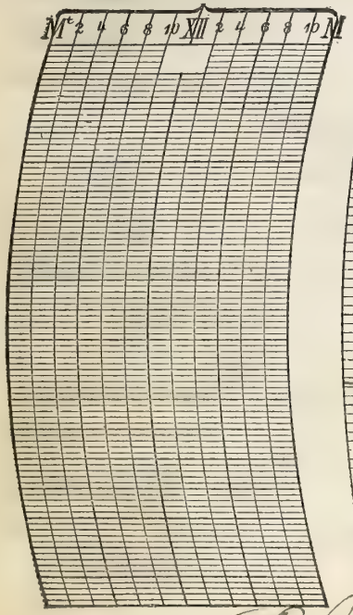
Dry temperature, 41.7 Wet temperature, 33.1

Dew-point, 18 R. humidity, 37 V. pressure, .093

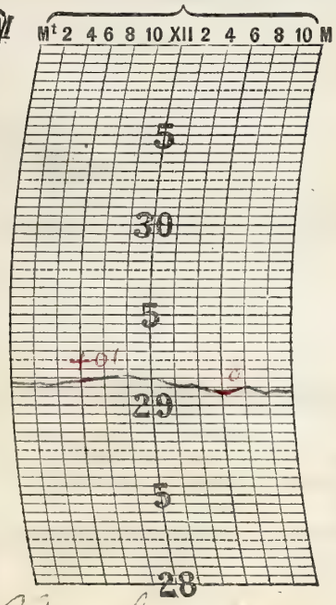
Clouds: Amount, 9 Cu; Kind, Ci.St; Direction, W

Velocity of clouds (miles per hour)

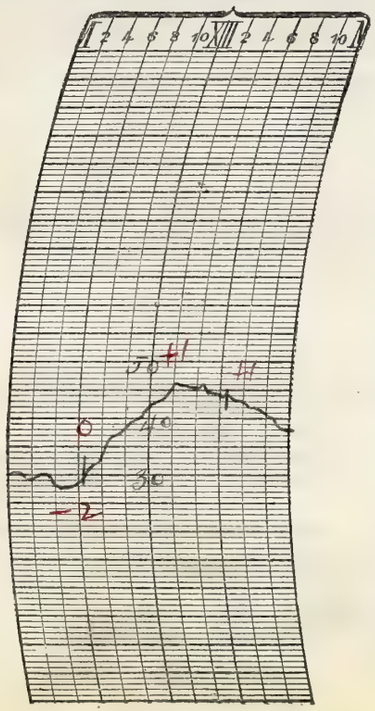
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

Weather continued fair and cool today with killing frost in morning. Conditions were somewhat more pleasant than on Friday with a higher maximum temperature and brighter sunshine.

A solar halo, 22° was observed at 11:10 a are 90 degrees. a small portion observed again at 11:40 a.

Automatic rain guage placed for use at 1:50 p.

Prepared by A. C. Frankenfield

Verified by P. M. Donovan

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Keogh, Mont., (Day of week) _____, (Date) APR 11 10, 192

Time (local standard). 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	36	35	35	34	35	35	37	42	45	49	52	55	58	59	60	60	57	57	57	55	54	54	54	57
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions							10 ASt		8 ACu		2 ACu		3 CiSt ACu		8 CiSt		10 CiSt ASt		10 CiSt ACu					
	Sunrise: Time, 5:08 Character, Cloudy — Cloudy — Partly Clear — Clear — Partly Cloudy — Cloudy — Sunset: Time, 6:16 Character, Cloudy																							
	Moonrise: 12:45a																				Moonset: ~~11:56a~~ 10:58a.m.			
Sunshine (in tenths of hours)						0	0	.8	1.0	.9	1.0	1.0	1.0	1.0	1.0	1.0	.3	0	0					
Wind direction	S	S	S	SW	SW	S	S	S	S	S	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	NE
Wind movement	9	10	8	9	9	8	8	14	15	17	17	15	14	12	13	12	11	8	4	5	3	2	2	4

Maximum velocities (exceeding 29 miles) direction and time.

Total duration. From—	Total duration. To—	Total amount of precipitation.	Excessive rate. Began—	Excessive rate. Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

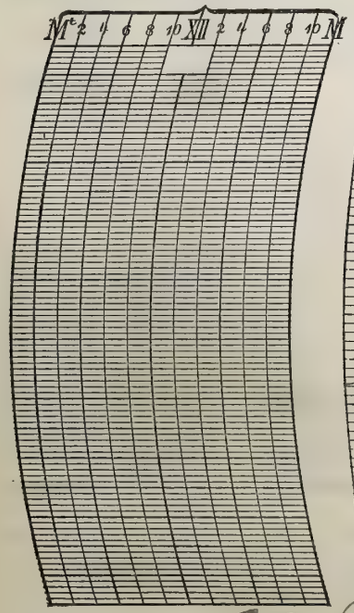
Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
60	34	47	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Pt. Cloudy Moon phase, Last Quarter 7:24 p.m.
Average daily cloudiness (0-10), 7
Actual sunshine, hours, 9.0 Possible sunshine, hours, 13.1
Per cent of possible sunshine, 69
Prevailing wind direction, SW Total wind 229
Average hourly velocity, 9.5 Extreme velocity, 21
Maximum velocity, 20 Direction, S
Time began, 9:47 a.m.
Reduced barometer, 30.037 a. m. 29.827 p. m.
River gage, 3.8 ft
Relative humidity, 61 7 a. m. 36 7 p. m.

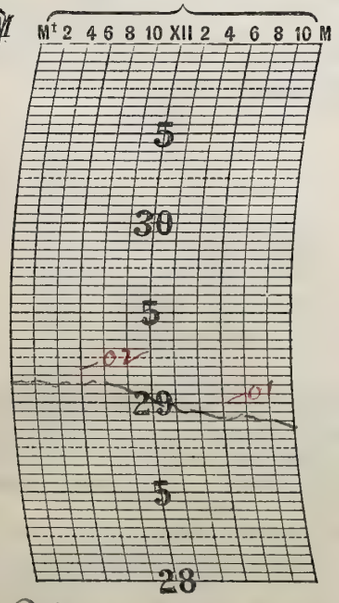
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 52.8 Wet temperature, 41.3
Dew-point, 26 R. humidity, 34 V. pressure, 1.86
Clouds: Amount, 2; Kind, Cu; Direction, NW
Velocity of clouds (miles per hour)

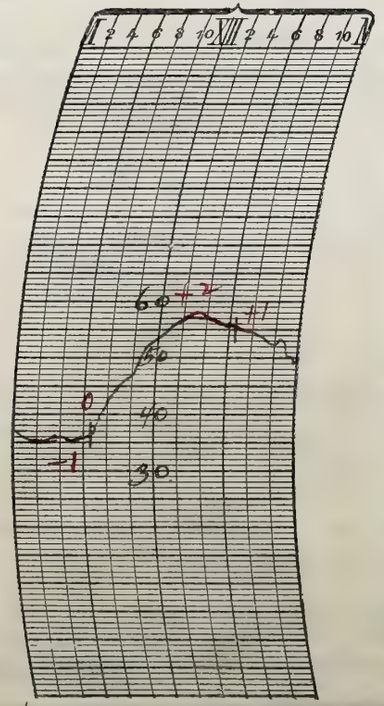
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

The cool weather which prevailed for the past week ended today and ideal spring conditions prevailed throughout the day with bright sunshine during the morning and most of afternoon. Winds were light to moderate from South and Southwest

Prepared by C. C. Rheinfrank

Verified by T. M. Donovan

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Monday, (Date) APR 12 1920, 192

Time (local standard). 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	45	43	42	41	40	39	38	37	36	35	34	34	33	32	30	32	31	32	32	31	29	27	26	24
State of weather. Nature of precipitation and time of beginning and ending		RB DNa	RE DNa		RB DNa	Light Rain						RE 11:30 SNB 11:30	Light Snow					SNE 5:00						
Amounts of precipitation		.01	T		.01	.05	.04	.03	.02	.03	.01	T	.01	.01	T	T	.01							
Cloudiness and other conditions							10St.		10St.		10St	Cloudy	10Nb		10Nb		10St.		9StCu					

Sunrise: Time, 5:06 Character, Cloudy

Moonrise: 1:21a

Sunset: Time, 6:17 Character, Cloudy

Moonset: ~~12:55p~~ 11:56a

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Sunshine (in tenths of hours)						0	0	0	0	0	0	0	0	0	0	0	0	0	0					
Wind direction	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	N	N	N	N	N	N	N	N	N	N
Wind movement	8	8	12	11	15	17	18	21	22	22	25	22	20	19	19	16	16	13	13	11	15	14	13	14

Maximum velocities (exceeding 29 miles) direction and time.

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
51	24	38	

Total depth of snow for 24 hours ending 7 p. m., 0.3 inches.

Snow, sleet, and hail on ground 7 p. m., T inches.

Total snowfall, midnight to midnight, 0.3 inches. *

Precipitation to 7 a. m., .09 ins.; to 7 p. m., .14 ins.

Total precipitation, midnight to midnight, .23 inches.

Character of day, Cloudy Moon phase,

Average daily cloudiness (0-10), 10

Actual sunshine, hours, 0 Possible sunshine, hours, 13.2

Per cent of possible sunshine, 0

Prevailing wind direction, NE Total wind 384

Average hourly velocity, 16.0 Extreme velocity, 33

Maximum velocity, 29 Direction, NE

Time began, 10:38 a.m.

Reduced barometer, 29.647 a. m. 29.717 p. m.

River gage, 3.9 feet

Relative humidity, 96 7 a. m. 74 7 p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

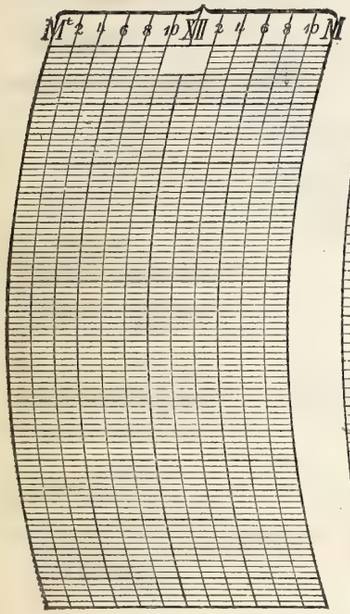
Dry temperature, 34.0 Wet temperature, 32.8

Dew-point, 31 R. humidity, 88 V. pressure, .172

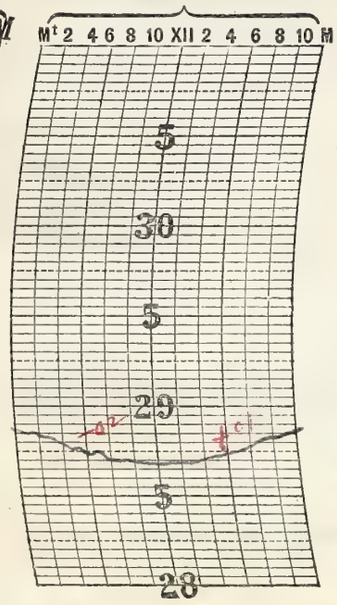
Clouds: Amount, 10; Kind, Nb; Direction, NE

Velocity of clouds (miles per hour)

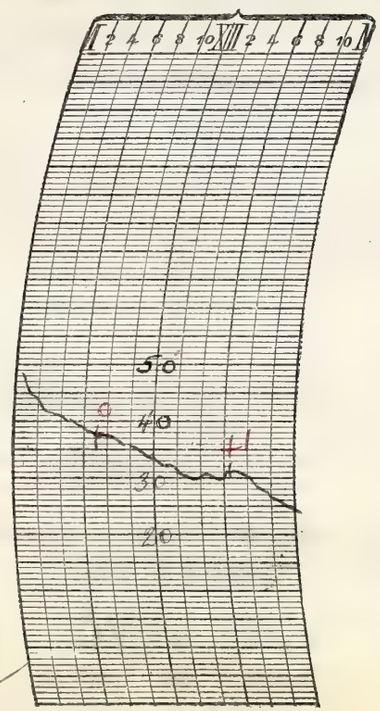
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

* Melted as it fell except trace at evening observation.

Weather was disagreeable today. Light rain began shortly after midnight and continued all morning until 11:30 a.m. at which time it turned into snow and snow continued until 5:00 p.m. The snow partially melted as it fell so that at 6:00 p.m. there was only a trace left. The temperature fell slowly during the day and freezing temperatures prevailed after sunset.

Moderately strong winds came from the NE during the middle part of the day, which with the snow, increased the movement of the barometer (.75" in 7 hr.)

At 12:00 Noon, a hurricane was ordered from Washington, D.C.

Prepared by A. C. Pfaenkuch

Verified by P. McAdoo

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) [illegible], (Day of week) [illegible], (Date) APR 1 [illegible], 192

Time (local standard). 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	24	23	22	23	26	28	29	32	33	34	35	36	38	38	39	40	40	40	40	39	37	35	34	34
State of weather. Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions							10 StCu		10 StCu		10 StCu		10 StCu		10 StCu		8 StCu		8 StCu					
Sunshine (in tenths of hours)						0	0	0	0	0	.1	.7	.4	.5	.6	.5	.7	0	0					
Wind direction	N	NW	NW	NW	NW	NW	N	NW	NW	NW	NW	NW	NW	W	W	NW	NW	NW	W	W	W	SW	SW	SW	SW
Wind movement	10	12	11	10	5	9	9	10	12	14	[illegible]	[illegible]	14	15	17	15	10	7	5	5	7	10	11	12

Cloudy

Sunrise: Time, 5:05 Character, Cloudy

Moonrise: 1:55a

Sunset: Time, 6:18 Character, Cloudy

Moonset: 1:58p 12:56p

Maximum velocities (exceeding 29 miles) direction and time.

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
40	22	31	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow, sleet, and hail on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Cloudy Moon phase,

Average daily cloudiness (0–10), 9

Actual sunshine, hours, 3.5 Possible sunshine, hours, 13.2

Per cent of possible sunshine, 27

Prevailing wind direction, NW Total wind 258

Average hourly velocity, 10.8 Extreme velocity, 19 NW

Maximum velocity, 18 Direction, W

Time began, 2:47 p.m.

Reduced barometer, 29.87 7 a. m. 29.89 7, p. m.

River gage, 4.0

Relative humidity, 76 7 a. m. 51 7 p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

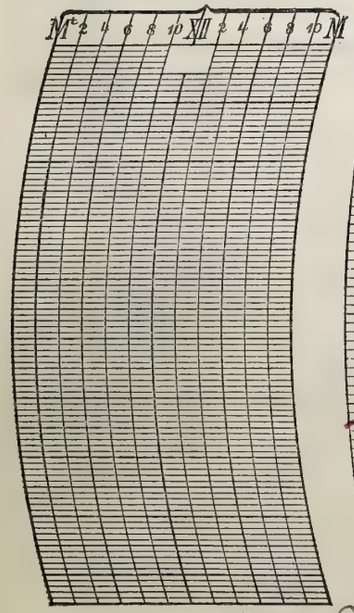
Dry temperature, 36.6 Wet temperature, 31.1

Dew-point, 22 R. humidity, 53 V. pressure, .113

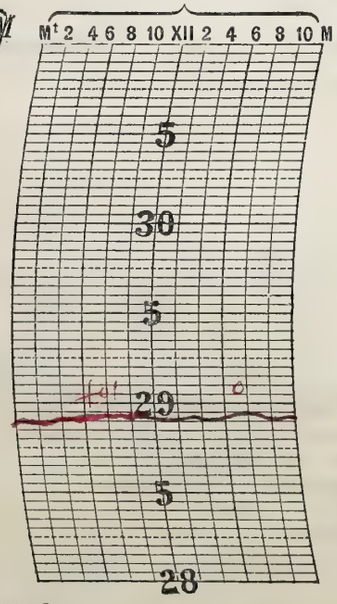
Clouds: Amount, 10; Kind, StCu; Direction, NW

Velocity of clouds (miles per hour)

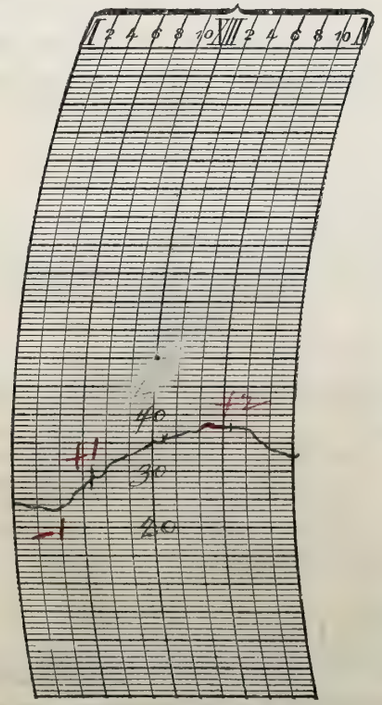
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

Weather was fair today but strato cumulus clouds covered the sky all day and permitted but little bright sunshine. The temperature reached a minimum of 22 degrees in the morning and rose to only 40 degrees in the afternoon making the day as a whole rather cold.

Killing frost occurred in the morning and frost warning issued in the morning forecast from Washington.

Prepared by A. C. Rhemfrank

Verified by P. McDonough

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Wednesday, (Date) APR 11 1928, 192

Time (local standard) 90 mer. normal time

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	33	33	31	31	31	32	36	39	43	44	46	46
Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions							Few Ac Cu		0		8 St Cu	
Sunshine (in tenths of hours)						1	1.0	1.0	1.0	1.0	1.0	1.0
Wind direction	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	W	W
Wind movement	12	13	12	12	12	11	11	12	12	14	18	20

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	48	48	48	49	48	47	46	42	42	40	41	41
Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions	8 St Cu			9 Ci St Cu		6 Cu St Cu		3 Ast				
Sunshine (in tenths of hours)	1.0	1.0	.5	.6	.4	0	0					
Wind direction	SW	W	SW	SW	SW	SW	SW	SW	SW	S	SW	SW
Wind movement	19	18	19	19	17	15	8	8	7	10	11	13

Clear → P.C. ← Cloudy — P.Cy → Clear

Sunrise: Time, 5:03 Character, Clear

Moonrise: 2:27a

Sunset: Time, 6:19 Character, Cloudy

Moonset: ~~3:03p~~ 1:56 pm

85

Maximum velocities (exceeding 29 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
49	31	40	✓

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow, sleet, and hail on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, P. Cldy Moon phase,

Average daily cloudiness (0-10), 5

Actual sunshine, hours, 10.4 Possible sunshine, hours, 13.3

Per cent of possible sunshine, 78

Prevailing wind direction, SW Total wind 323

Average hourly velocity, 13.5 Extreme velocity, 32

Maximum velocity, 26 Direction, W

Time began, 12:02 a. m.

Reduced barometer, 29.93 7 a. m. 29.84 7 p. m.

River gage, 4.1

Relative humidity, 70 7 a. m. 51 7 p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

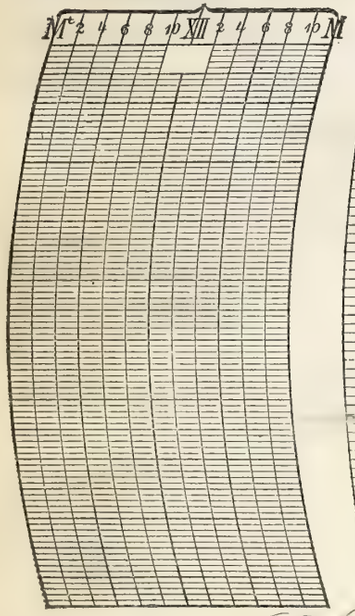
Dry temperature, 47.5 Wet temperature, 40.8

Dew-point, 32 R. humidity, 56 V. pressure, 180

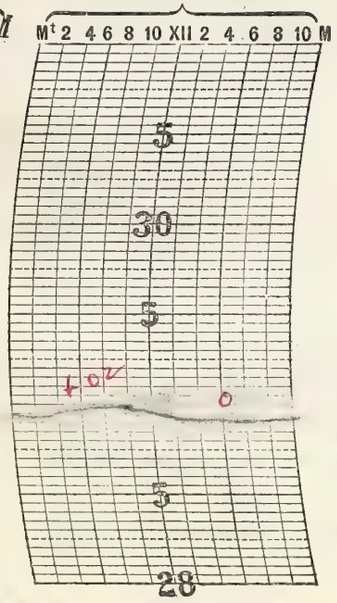
Clouds: Amount, 8; Kind, St Cu; Direction, W

Velocity of clouds (miles per hour)

THERMOGRAPH.



BAROGRAPH.



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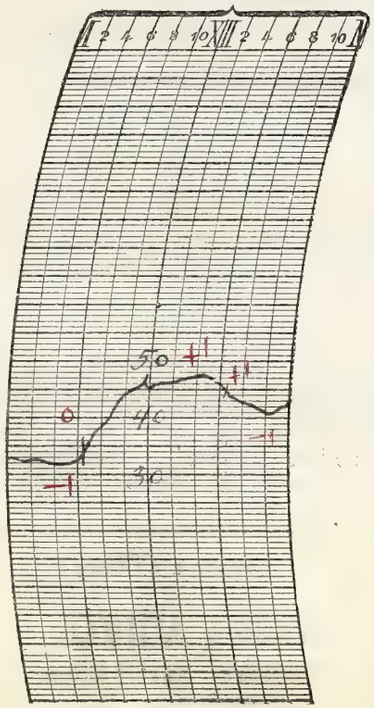


NOTES.

Pleasant spring weather prevailed throughout the day, although it was cooler than average conditions.

Killing frost occurred during the morning.

Prepared by J. R. Weinfrank

Verified by N. McDonough

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Thursday, (Date) APR 15 1920, 192

Time (local standard) 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	41	41	41	42	45	45	45	47	48	49	51	50
State of weather: Nature of precipitation and time of beginning and ending		RB DNa	RE DNa					RB 7:10 RE 7:30			RB 10:10	
Amounts of precipitation		.01	T					T			T	.01
Cloudiness and other conditions							10 St-Cu	10 St-Cu	10 St-Cu		10 St.	
Sunshine (in tenths of hours)						0	0	0	.1	.1	0	0
Wind direction	SW	SW	S	S	S	S	S	SW	SW	SW	SW	SW
Wind movement	10	7	6	8	9	11	12	11	11	16	12	14

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	54	59	58	58	56	53	53	52	46	42	41	40
State of weather: Nature of precipitation and time of beginning and ending	RE 12:15			RB 3:20	LT. RW		RE 6:15		RB 8:52	LT	RW	LT
Amounts of precipitation	T			T	T	.03	.01		.01	.07	.10	.11
Cloudiness and other conditions	10 St-Cu		10 St-Cu	10 St-Cu	10 St		10 St.					
Sunshine (in tenths of hours)	.1	1.0	.2	0	0	0	0					
Wind direction	S	S	SW	S	SW	SW	SW	SW	SW	NE	NE	NE
Wind movement	12	12	12	13	11	15	10	9	6	18	19	20

Cloudy

Sunrise: Time, 5:02 Character, Cloudy

Moonrise: 2:58 a

Sunset: Time, 6:20 Character, Cloudy

Moonset: ~~4:04 p~~ 3:03 pm

Maximum velocities (exceeding 29 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
59	40	50	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow, sleet, and hail on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., .01 ins.; to 7 p. m., .05 ins.

Total precipitation, midnight to midnight, .35 inches.

Character of day, Cloudy Moon phase,

Average daily cloudiness (0-10), 10

Actual sunshine, hours, 1.5 Possible sunshine, hours, 13.3

Per cent of possible sunshine, 11

Prevailing wind direction, SW Total wind 287

Average hourly velocity, 12.0 Extreme velocity, 24

Maximum velocity, 23 Direction, NE

Time began, 11:08 p. m.

Reduced barometer, 29.757 a. m. 29.607 p. m.

River gage, 4.2 feet

Relative humidity, 68 7 a. m. 87 7 p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

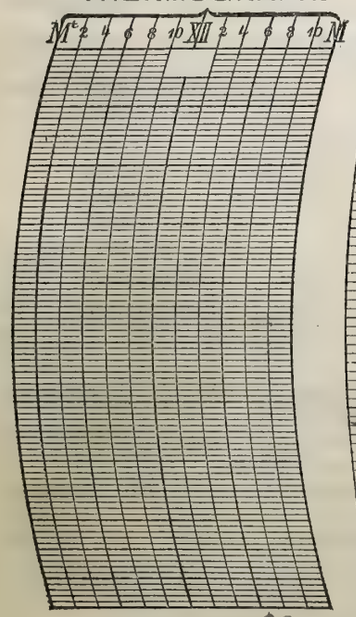
Dry temperature, 49.8 Wet temperature, 46.2

Dew-point, 43 R. humidity, 76 V. pressure, .277

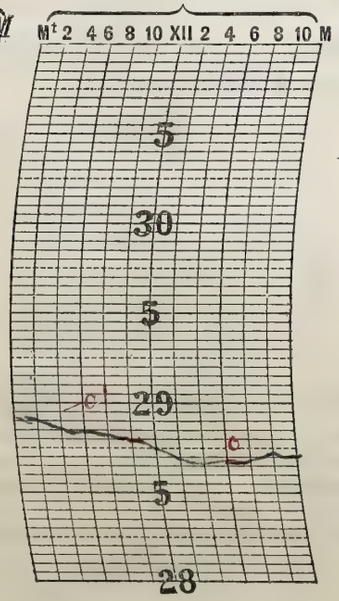
Clouds: Amount, 10; Kind, St; Direction, SW

Velocity of clouds (miles per hour)

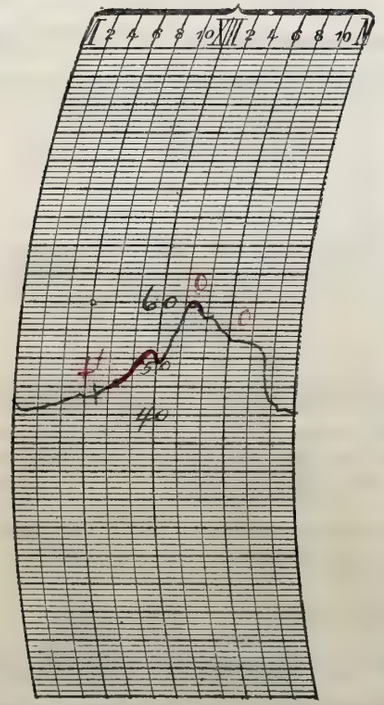
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

The weather was disagreeable today with rain and threatening conditions most of the day except between 8:00 a and 10:00 a the clouds broke to permit two minutes of sunshine, and about 1 hour and 15 minutes in afternoon temperatures were moderate to 7:00 p after which there was a rather decided fall from 53° at 7:00 p to 40 at midnight.

Prepared by A. C. Rheinfrank

Verified by P. M. Donnegan

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne Ind, (Day of week) Friday, (Date) APR 1 1904, 192

Time (local standard). 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	40 Mar 39	39	39	38	37	37	38	38	38	39	39	39	38	38	37	36	35	36	36	36	36	37	38	39
State of weather. Nature of precipitation and time of beginning and ending	–	–	–	–	Light	–	Rain	–	–	Mist	–	–	–	–	Light	–	Rain	–	Mist	–	–	–		
Amounts of precipitation	.07	.09	.05	.03	T	T	.01	.04	T	.03	.01	T	T	.07	T	T	.01	.02	.05	T	.01	.01		
Cloudiness and other conditions							10St.		10St.		10St.		10St.		10St.		10St.		10Nb					

Sunrise: Time, 5:00 Character, Cloudy — Cloudy

Moonrise: 3:30a

Sunset: Time, 6:21 Character, Cloudy

Moonset: ~~5:15pm~~ 4:09pm

	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Sunshine (in tenths of hours)						0	0	0	0	0	0	0	0	0	0	0	0	0	0					
Wind direction	NE	NE	NE	NE	E	E	E	E	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE
Wind movement	16	14	17	19	21	17	17	17	20	21	23	21	23	21	25	24	22	21	19	22	21	22	20	18
Maximum velocities (exceeding 29 miles) direction and time															30 NE 2:30									

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
40	35	38	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow, sleet, and hail on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., .54 ins.; to 7 p. m., .22 ins.

Total precipitation, midnight to midnight, .54 inches.

Character of day, Cloudy Moon phase,

Average daily cloudiness (0-10), 10

Actual sunshine, hours, 0 Possible sunshine, hours, 13.4

Per cent of possible sunshine, 0

Prevailing wind direction, NE Total wind 481

Average hourly velocity, 20.0 Extreme velocity, 33

Maximum velocity, 30 Direction, NE

Time began, 2:34 p.m.

Reduced barometer, 29.647 a. m. 29.607 p. m.

River gage, 4.4 feet

Relative humidity, 88 7 a. m. 82 7 p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

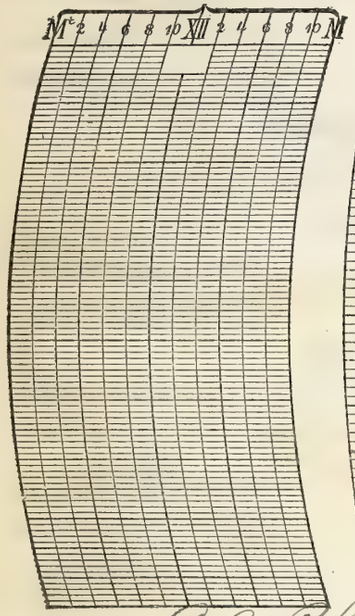
Dry temperature, 39.2 Wet temperature, 36.8

Dew-point, 33 R. humidity, 81 V. pressure, .187

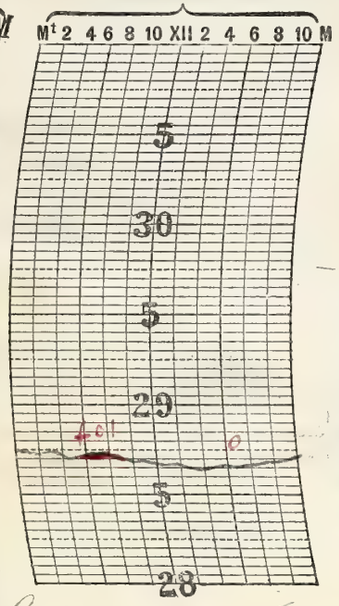
Clouds: Amount, 10; Kind, St.; Direction, E

Velocity of clouds (miles per hour)

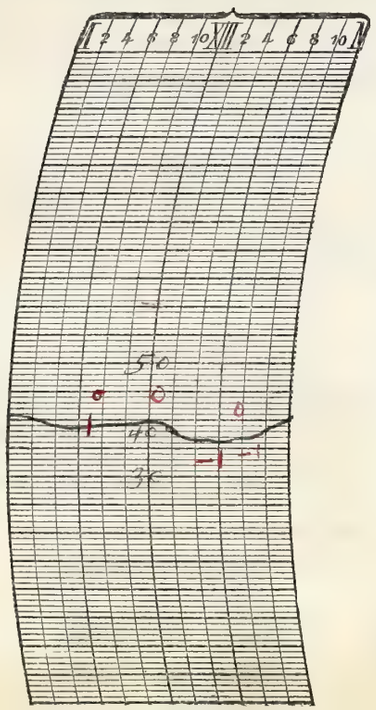
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

Weather continued disagreable all day with light rain or mist until about 10:00 p.m. The temperature was considerably lower and damp winds from the northeast with moderate strong velocities added to the discomfort.

Prepared by A. C. Kheipfrank

Verified by P. McDonough

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) [illegible], (Day of week) Saturday, (Date) [illegible], 192 1

Time (local standard) 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	41	41	41	40	40	40	[illegible]	43	46	48	50	53	54	54	54	54	51	50	49	47	45	45	44	43
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions																								
					Ht 1+		1Cu St		2Cu St		3Cu St		7Cu St		5Cu St		5Cu St		7Cu St					
					Pt. Cy →			← Clear				→	←		Pt. Cloudy									
Sunshine (in tenths of hours)						.0	.8	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	.9	1.0	C					
Wind direction	NE	NE	E	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	E	E	E	E	E	E	E	E
Wind movement	15	16	14	18	16	12	11	16	19	19	16	15	19	21	17	16	15	11	10	11	13	9	11	14
Maximum velocities (exceeding 29 miles) direction and time																								

Sunrise: Time 4:58, Character Cloudy. Moonrise: ~~4:05 am~~ 4:02 am.

Sunset: Time 6:23, Character Cloudy. Moonset: ~~6:30 pm~~ 5:19 pm.

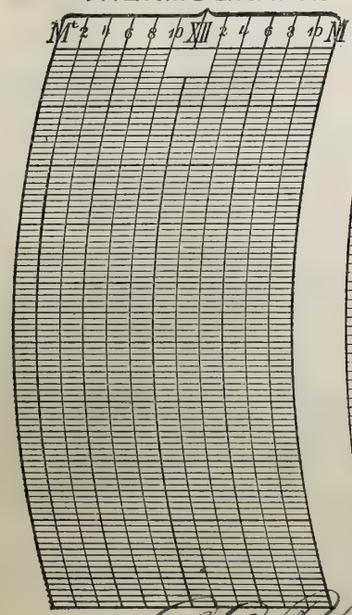
Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
54	39	46	

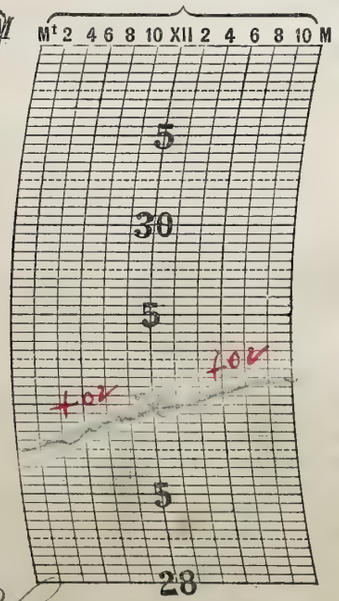
Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., .03 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Pt Cloudy Moon phase,
Average daily cloudiness (0-10), 5
Actual sunshine, hours, 11.8 Possible sunshine, hours, 13.4
Per cent of possible sunshine, 88
Prevailing wind direction, NE Total wind 354
Average hourly velocity, 14.8 Extreme velocity, 26
Maximum velocity, 25 Direction, NE
Time began, 1:08 p.m.
Reduced barometer, 29.84 7 a. m. 30.04 7, p. m.
River gage, 9.8
Relative humidity, 64 7 a. m. 55 7 p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)
Dry temperature, 51.0 Wet temperature, 44.2
Dew-point, 36 R. humidity, 58 V. pressure, .211
Clouds: Amount, 5 Sen.; Kind, Cu; Direction, NW NE
Velocity of clouds (miles per hour)

THERMOGRAPH.



BAROGRAPH.



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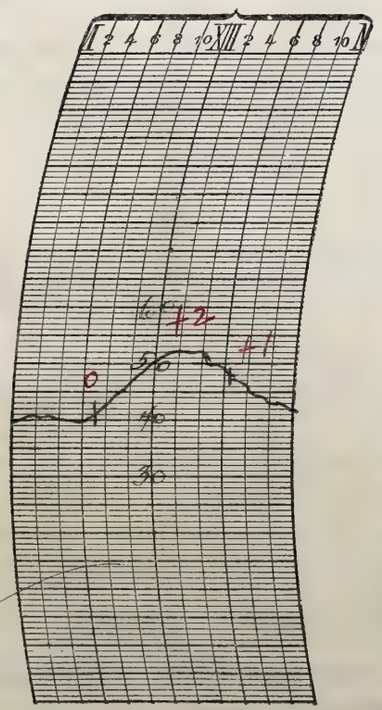


Prepared by C. C. Rheinfrank
Verified by J. M. Kimough

8—486

NOTES.

The forecast for rain today was not verified and conditions were a contrast to the day before.

Mild temperatures and bright sunshine prevailed during most of the day with moderate winds from the Northeast. An ideal spring day.

A Solar Halo, Radius 22°, was observed in the morning about 11^40. Arc was about 45°. It was observed intermittently during the afternoon and with larger arc as cirro stratus passed from NW

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne Ind, (Day of week) Sunday, (Date) APR 1 [illegible], 192

Time (local standard). 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	42	42	41	41	40	39	40	41	41	41	42	42	43	44	45	45	46	46	45	44	43	43	42	40
State of weather: Nature of precipitation and time of beginning and ending						RB 5:55	Lt Rain				Mist				RE 2:45	RB 3:35 RE 3:55								
Amounts of precipitation						T	T	T	T	T	.02	.15	.09	.10	.01	.01								
Cloudiness and other conditions						10Nb		10Nb		10Nb		10Nb		10Nb		10St.		10St.		10St.				

Sunrise: Time, 4:57 Character, Cloudy

Moonrise: 4:38 a

Cloudy

Sunset: Time, 6:23 Character, Cloudy

Moonset: ~~7:41 p.m.~~ 6:30 p

	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Sunshine (in tenths of hours)					0	0	0	0	0	0	0	0	0	0	0	0	0	0	0					
Wind direction	NE	NE	NE	NE	E	E	E	NE	NE	NE	NE	E	NE	NE	E	NE	NE	NE	NE	NE	NE	NE	NE	NE
Wind movement	12	12	11	11	10	11	13	14	10	10	11	9	9	10	13	12	13	10	11	10	10	11	14	13

Maximum velocities (exceeding 24 miles) direction and time.

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
46	39	42	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow, sleet, and hail on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., T ins.; to 7 p. m., .38 ins.

Total precipitation, midnight to midnight, .38 inches.

Character of day, Cloudy Moon phase, New Moon 3:43 p.m.

Average daily cloudiness (0-10), 10

Actual sunshine, hours, 0 Possible sunshine, hours, 13.4

Per cent of possible sunshine, 0

Prevailing wind direction, NE Total wind 270

Average hourly velocity, [illegible] Extreme velocity, 18 NE

Maximum velocity, 17 Direction, NE

Time began, 6:37 a.m.

Reduced barometer, 30.11 7 a. m. 30.13 7, p. m.

River gage, 11.1

Relative humidity, 77 7 a. m. 70 7 p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

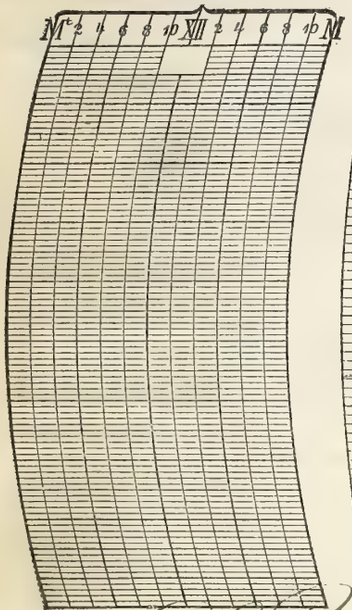
Dry temperature, 42.0 Wet temperature, 40.0

Dew-point, 38 R. humidity, 85 V. pressure, .228

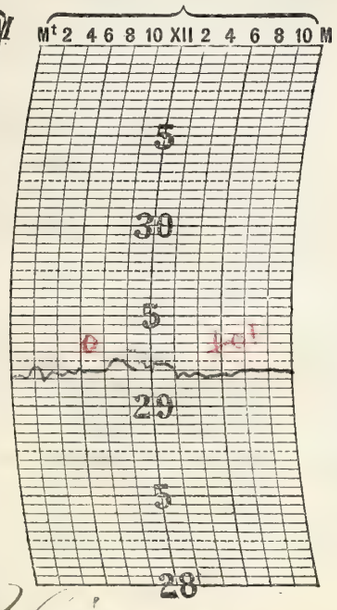
Clouds: Amount, 10; Kind, Nb; Direction, 5

Velocity of clouds (miles per hour)

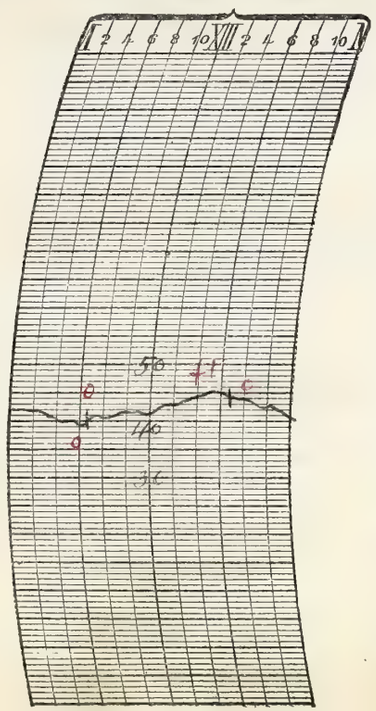
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

The weather was very inclement today with rain or mist from early morning until the middle of the afternoon. Temperature showed little variation being somewhat cool.

Prepared by C. C. Kempfrank

Verified by P. McDonough

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) ....., (Day of week) Tuesday, (Date) APR 1 1913, 192

Time (local standard) 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	40	39	38	38	38	39	40	41	43	44	43	44
State of weather: Nature of precipitation and time of beginning and ending			RB DNa RE DNa							RB		
Amounts of precipitation			T							T	.05	.04
Cloudiness and other conditions							10 St Cu		10 St Cu		10 Nb	

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	47	48	49	50	50	50	49	48	47	47	46	47
State of weather: Nature of precipitation and time of beginning and ending		RE										
Amounts of precipitation	T	.01										
Cloudiness and other conditions	10 St		10	Stcu St	10	Stcu St	10 St					

Cloudy

Sunrise: Time, 4:56 Character, Cloudy

Moonrise: 5:17a

Sunset: Time, 6:24 Character, Cloudy

Moonset: ~~8:51pm~~ 7:41p

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Sunshine (in tenths of hours)						0	0	0	0	0	0	0
Wind direction	NE	NE	NE	NE	NE	NE	E	E	E	E	E	NE
Wind movement	14	13	12	12	10	14	13	13	13	15	10	8

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Sunshine (in tenths of hours)	0	0	0	0	0	0	0					
Wind direction	NE	E	E	E	E	E	E	E	E	E	E	E
Wind movement	10	14	16	15	15	15	12	16	12	12	13	12

Maximum velocities (exceeding 24 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
50	38	44	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow, sleet, and hail on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., T ins.; to 7 p. m., .10 ins.

Total precipitation, midnight to midnight, .10 inches.

Character of day, Cloudy Moon phase,

Average daily cloudiness (0-10), 10

Actual sunshine, hours, 0 Possible sunshine, hours, 13.5

Per cent of possible sunshine, 0

Prevailing wind direction, East Total wind 309

Average hourly velocity, 12.9 Extreme velocity, 24

Maximum velocity, 23 Direction, E

Time began, 2:37p

Reduced barometer, 30.08 7 a. m. 29.94 7 p. m.

River gage, 12.4

Relative humidity, 74 7 a. m. 77 7 p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

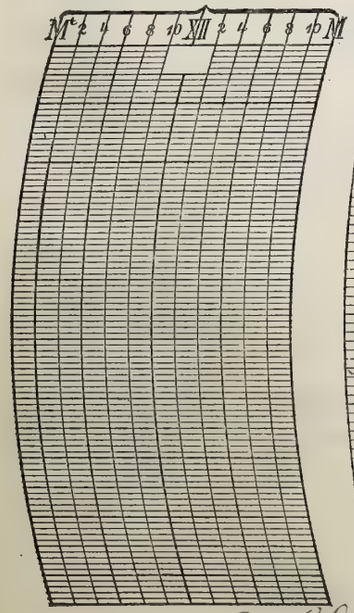
Dry temperature, 44.5 Wet temperature, 42.0

Dew-point, 40 R. humidity, 82 V. pressure, 2.47

Clouds: Amount, 10; Kind, Nb; Direction, E

Velocity of clouds (miles per hour)

THERMOGRAPH.



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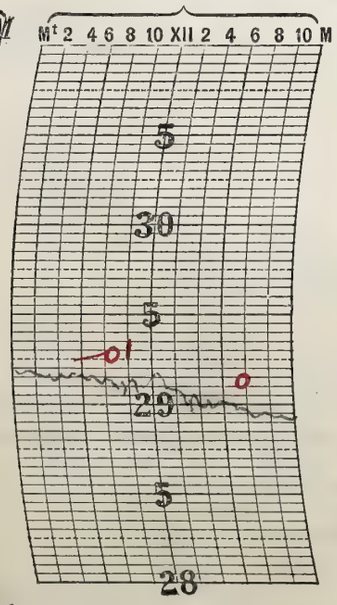

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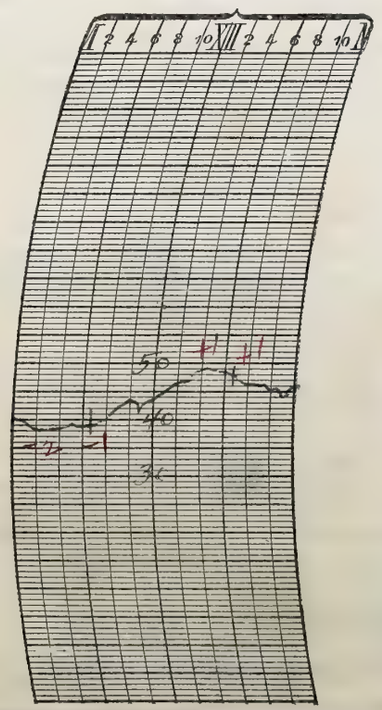


NOTES.

River 12.4 feet; a stage of 15 feet or higher forecast for Tuesday; interests advised.

The weather continued today as day before with rain and threatening conditions all day and with only slight change in temperature.

Prepared by A. C. Frankenfield

Verified by P. M. Kenough

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Tuesday, (Date) APR 20 1920, 192

Time (local standard). 90 mer. normal time.

	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	45	46	46	45	45 (43 Min)	46	47	48	49	53	58	57
State of weather. Nature of precipitation and time of beginning and ending					RB 4:20 Hail 4:40	---	RE 6:05		RB 8:10	Light	Rain	
Amounts of precipitation				H-E HRS	T 35	.16	.01		T	T .02	T .08	.16
Cloudiness and other conditions					10Nb		10	RST Stcu		10Nb		10Nb
Wind direction	NE	NE	E	NE	NE	E	E	E	SE	E	SE	SE
Wind movement	12	15	15	12	15	20	13	14	8	6	13	16
Maximum velocities (exceeding 29 miles) direction and time					33 W 4:25							

	P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	59	61	64	65	62	62	62	61	61	59	59	59
State of weather. Nature of precipitation and time of beginning and ending	-	RE 1:30p			RB 4:35	---	RE 6:35	RB 7:20	-	Heavy Light	Rain	to
Amounts of precipitation	.07	.01			.01	T	.01	.07	.01	.18	.29	.01
Cloudiness and other conditions	10Nb		10	RST Stcu	10		10	Stcu	10Nb			
Wind direction	SE	SE	SE	SE	SE	SE	SE	SE	SE	SE	SW	SW
Wind movement	19	6	7	12	13	9	10	6	4	7	7	8

Cloudy

Sunrise: Time, 4:54 Character, cloudy

Moonrise: 6:03a

Sunset: Time, 6:26 Character, Cloudy

Moonset: ~~9:56p~~ 8:51p

B2:30 E3:37

	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Sunshine (in tenths of hours)					0	0	0	0	0	0	0	0

	P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Sunshine (in tenths of hours)	0	0	.5	.6								

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
65	43	54	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow, sleet, and hail on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., .52 ins.; to 7 p. m., .36 ins.

Total precipitation, midnight to midnight, 1.44 inches.

Character of day, Cloudy Moon phase,

Average daily cloudiness (0-10), 10

Actual sunshine, hours, 1.1 Possible sunshine, hours, 13.5

Per cent of possible sunshine, 8

Prevailing wind direction, SE Total wind 267

Average hourly velocity, 11.1 Extreme velocity, 51-SW

Maximum velocity, 33 Direction, W

Time began, 4:25a

Reduced barometer, 29.71 7 a. m. 29.527 p. m.

River gage, 14.0 feet

Relative humidity, 7 a. m. 88 7 p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

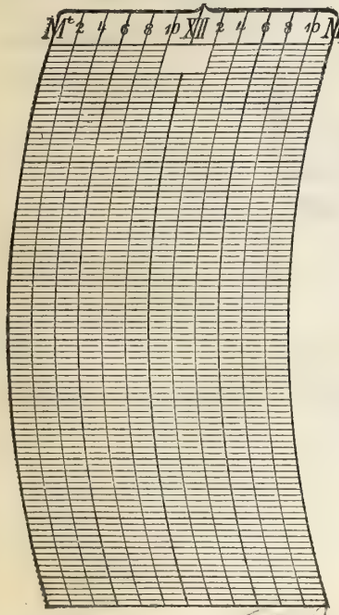
Dry temperature, 59.0 Wet temperature, 58.0

Dew-point, 57 R. humidity, 94 V. pressure, .465

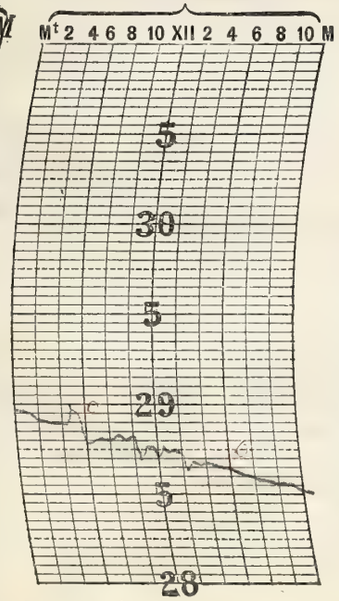
Clouds: Amount, 10; Kind, Nb; Direction, SE

Velocity of clouds (miles per hour)

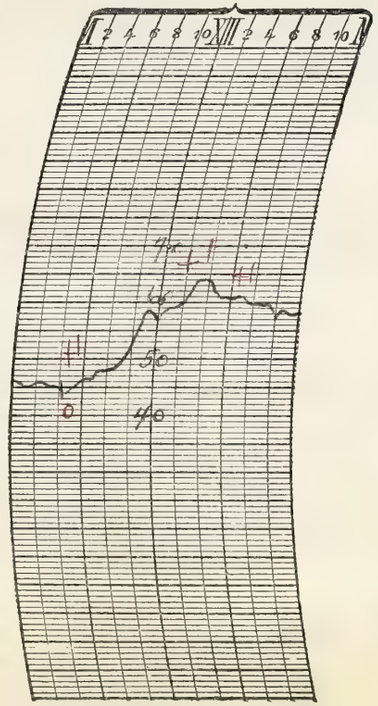
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

River 14 feet at 7 am; a stage of 19.5 forecast for Thursday.

A thunderstorm occurred in the early morning. Thunder was first heard at 4:25a and last heard at 4:50a. Thunder was heavy for several minutes with heavy rain and hail. Hail storm did not last but a few minutes.

Thunderstorm began at 9:44a and ended at 10:15a. Attended with considerable darkness

Thunderstorm in evening from 8:20p to 9:10p. Considerable amount of lightning.

Prepared by C. R. Leinfunk

Verified by P. McAdoo

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Wednesday, (Date) APR 21 1915, 192

Time (local standard). 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	57	55	52	51	51	49		48	50	55	60	65
State of weather: Nature of precipitation and time of beginning and ending	RE DNa						RB DNa	RE 7:15				
Amounts of precipitation	T						0.1	T				
Cloudiness and other conditions							10s		7s		Cloudless	
Sunrise: Time, Character,	4:53 Cloudy											
Moonrise:	6:56 a											
Sunshine (in tenths of hours)						0	0	0	.6	1.0	1.0	1.0
Wind direction	W	NW	NW	W	W	W	W	W	W	W	W	W
Wind movement	7	11	13	15	14	12	15	16	14	12	13	14

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	66	70	71	71	70	69	66	64	63	62	61	60
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions			Cloudless			Cloudless		Few 8s				
Sunset: Time, Character,									6:27 Clear			
Moonset:									~~10:55p~~ 9:56p			
Sunshine (in tenths of hours)	1.0	1.0	1.0	1.0	1.0	.8	0					
Wind direction	W	SW	SW	SW	SW	S	S	SE	S	S	SE	SE
Wind movement	14	15	16	14	14	9	5	7	7	7	9	9

Cloudy + PC → ← Clear

Maximum velocities (exceeding 2.9 miles) direction and time.

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

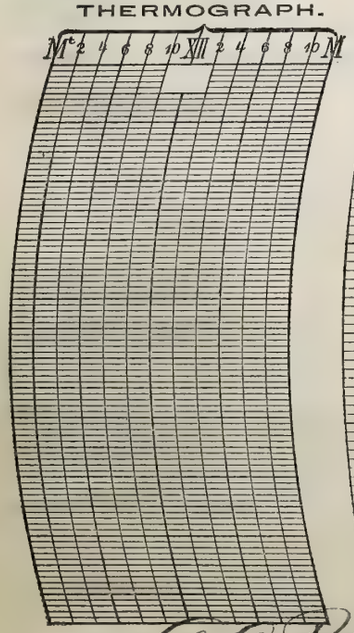
Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
71	47	59	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., .57 ins.; to 7 p. m., T ins.
Total precipitation, midnight to midnight, .01 inches.
Character of day, Clear Moon phase,
Average daily cloudiness (0-10), 2
Actual sunshine, hours, 10.0 Possible sunshine, hours, 13.6
Per cent of possible sunshine, 74
Prevailing wind direction, W Total wind 284
Average hourly velocity, 11.8 Extreme velocity, 29
Maximum velocity, 22 Direction, W
Time began, 7:03 a.m.
Reduced barometer, 29.67 7 a. m. 29.73 7 p. m.
River gage, 19.2 feet
Relative humidity, 92 7 a. m. 64 7 p. m.

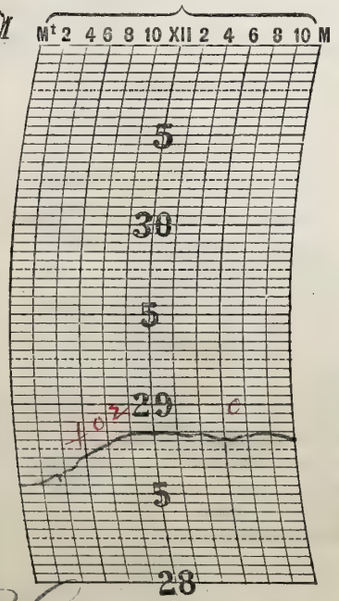
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 63.8 Wet temperature, 56.8
Dew-point, 52 R. humidity, 66 V. pressure, .387
Clouds: Amount, 0; Kind, 0; Direction, 0
Velocity of clouds (miles per hour)

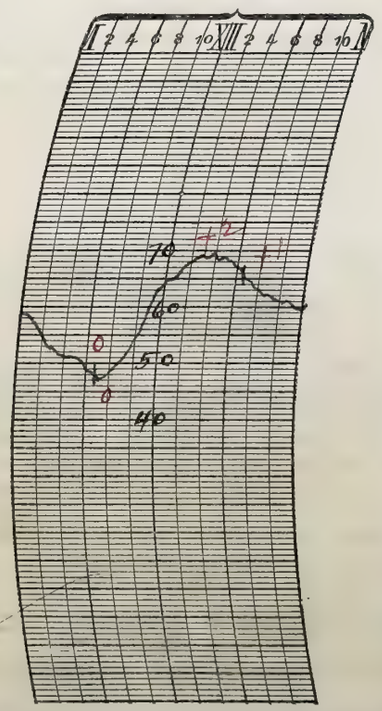
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



Prepared by C. C. Rheinhauer
Verified by F. McDonough

8—486

NOTES.

The Maumee River stood at 19.2 feet at 7 a.m. A stage of 21.1 feet was forecast for the 22d. Local interests advised.

The weather was threatening during the early morning with misting at observation time but shortly after 8:00a the clouds began to break and at 8:30 there was bright sunshine. After 10:00a there was a cloudless sky until about 6:00 p.m. with ideal spring conditions. The temperature reached a maximum of 71° during the afternoon.

Clear conditions with moderately bright moonlight prevailed during the night until last observed about 10:00p.

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Thursday, (Date) APR 2, 192

Time (local standard). 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	59	57	56	56	56	59	62	65	69	72	77	75
State of weather: Nature of precipitation and time of beginning and ending					RB 4:45 RE 4:50							
Amounts of precipitation					T							
Cloudiness and other conditions					10 St		10 Stcu St		1 Acu		7 Cu St	
	Sunrise: Time, 4:51 Character, Cloudy				Cloudy		Pc	Clear			Pt Cy	
	Moonrise: ~~7:55 a~~ 7:55 a											
Sunshine (in tenths of hours)					0	0	0	.8	1.0	1.0	1.0	1.0
Wind direction	SE	S	S	S	S	S	S	S	S	S	S	S
Wind movement	10	8	9	9	10	12	12	10	11	15	15	21
Maximum velocities (exceeding 29 miles) direction and time												

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	76	75	74	61	57	58	58	55	53	52	53	54
State of weather: Nature of precipitation and time of beginning and ending			RB 2:50		RE 4:40	RB 5:18 RE 5:25						
Amounts of precipitation			T	T	.03	.01						
Cloudiness and other conditions	9 Stcu		10 Stcu		10 Acu		1 Cu					
			Cloudy			Pc	Clear		Sunset: Time, 6:28 Character, Clear			
							SS 6:00		Moonset: ~~11:46 p~~ 10:55 p			
Sunshine (in tenths of hours)	1.0	1.0	.8	.4	.3	0	47 0					
Wind direction	S	S	SW	W	W	W	W	SW	SW	S	SW	SW
Wind movement	20	26	28	28	24	19	17	10	8	8	13	14
Maximum velocities (exceeding 29 miles) direction and time		34 S 1:50	36 SW 2:53	36 W 3:04	31 SW 4:23							

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
77	52	64	

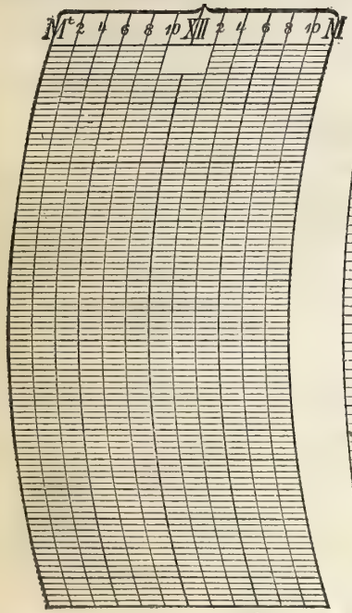
Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., T ins.; to 7 p. m., .04 ins.
Total precipitation, midnight to midnight, .04 inches.
Character of day, Pt Cldy Moon phase,
Average daily cloudiness (0-10), 7
Actual sunshine, hours, 8.8 Possible sunshine, hours, 13.6
Per cent of possible sunshine, 65
Prevailing wind direction, South Total wind 357
Average hourly velocity, 14.9 Extreme velocity, 39
Maximum velocity, 36 Direction, SW
Time began, 2:53 p m.
Reduced barometer, 29.70 7 a. m. 29.57 7 p. m.
River gage, 20.6
Relative humidity, 79 7 a. m. 38 7 p. m.

OBSERVA[redacted]S AT 12 NOON.
(Lo[redacted]ean Time.)
Dry temperature, 76.6 Wet temperature, 66.1
Dew-point, 61 R. humidity, 58 C 157 V. pressure, .536
Clouds: Amount, 2 3 5; Kind, Acu Cu St Stcu; Direction, W W SW
Velocity of clouds (miles per hour)

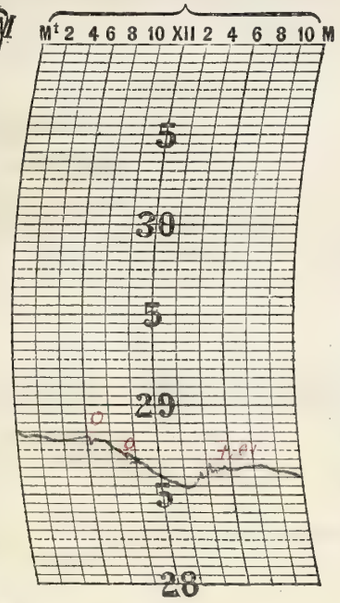
Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

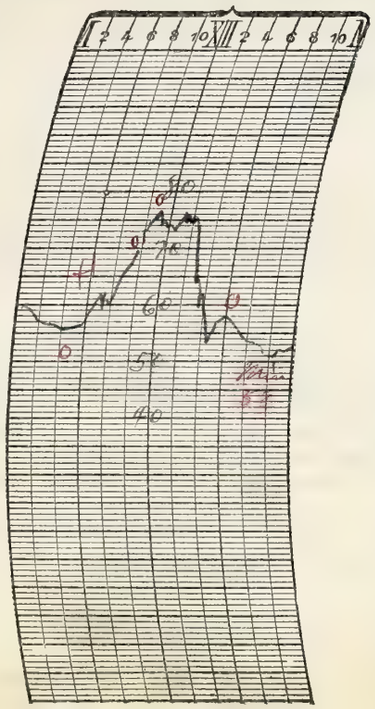
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

Mounce at 7 a.m. 20.6 feet. A crest stage of about 21 feet forecast to occur within the ensuing 24 hours.

Light snow fell about sunrise and low clouds covered the sky until after 7:00 a.m. From this time fair weather with sunshine mostly through clouds prevailed until about the middle of the afternoon when threatening conditions formed again and light rain fell from 2:50 p to 4:40 p and from 5:18 p to 5:25 p.

Faint thunder was heard at 4:20 p.m. Storm moved in from SW. Last heard at 4:30 p.m.

Strong winds from S through SW to W prevailed during the afternoon.

A rapid clearing occurred after the storm and clear conditions with Mod. Bright moonlight prevailed

Prepared by A. C. Rhenstrom
Verified by C. M. Donough

8—486

Form No. 1014—Met f.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Friday, (Date) ....., 192

Time (local standard). 90 mer. normal time.

	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	55	53	51	47	47	47	47	46	46	46	46	46
State of weather: Nature of precipitation and time of beginning and ending			RB DNa	L. g.				Rain				RE 11:40
Amounts of precipitation			T	.02	.02	T	.01	.03	.04	.03	.04	T
Cloudiness and other conditions					10St		10St		10St		10St	

	P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	49	48	49	49	46	45	45	45	44	43	42	41
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions	10 St Cu St		10 St Cu St		10 St Cu		10 St Cu					

Cloudy

Sunrise: Time, 4:50 Character, Cloudy

Moonrise: 8:59 a.

Sunset: Time, 6:29 Character, Cloudy

Moonset: 11:46 p.

	12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Sunshine (in tenths of hours)					0	0	0	0	0	0	0	0
Wind direction	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	W	W
Wind movement	21	25	29	26	24	23	21	23	19	24	23	21
Maximum velocities (exceeding 29 miles) direction and time		38 SW 1:52	34 SW 2:43	32 SW 3:15	35 SW 4:17							

	12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Sunshine (in tenths of hours)	.2	.2	.5	0	0	0	0					
Wind direction	W	W	W	W	NW	W	W	W	NW	W	NW	NW
Wind movement	21	19	21	17	18	17	15	14	13	12	12	9

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
55	41	48	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow, sleet, and hail on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., .05 ins.; to 7 p. m., .14 ins.

Total precipitation, midnight to midnight, .19 inches.

Character of day, Cloudy Moon phase, ...

Average daily cloudiness (0–10), 10

Actual sunshine, hours, .9 Possible sunshine, hours, 13.6

Per cent of possible sunshine, 7

Prevailing wind direction, WSW Total wind 467

Average hourly velocity, 19.5 Extreme velocity, 42

Maximum velocity, 38 Direction, SW

Time began, 1:52 a.m.

Reduced barometer, 29.54 7 a. m. 29.88 7 p. m.

River gage, 21.5 feet

Relative humidity, 78 7 a. m. 81 7 p. m.

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

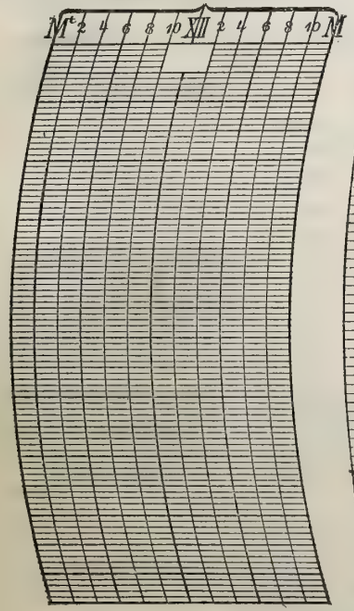
Dry temperature, 46.2 Wet temperature, 44.0

Dew-point, 42 R. humidity, 84 V. pressure, .266

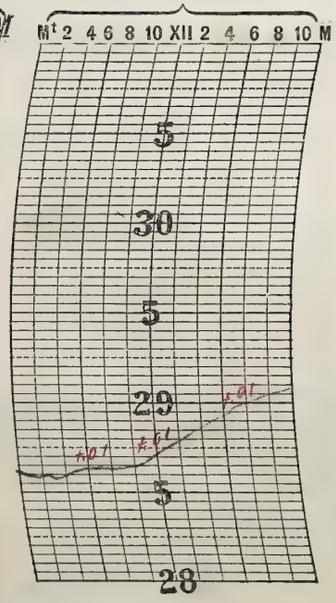
Clouds: Amount, 10; Kind, St; Direction, NW

Velocity of clouds (miles per hour) .....

THERMOGRAPH.



BAROGRAPH.



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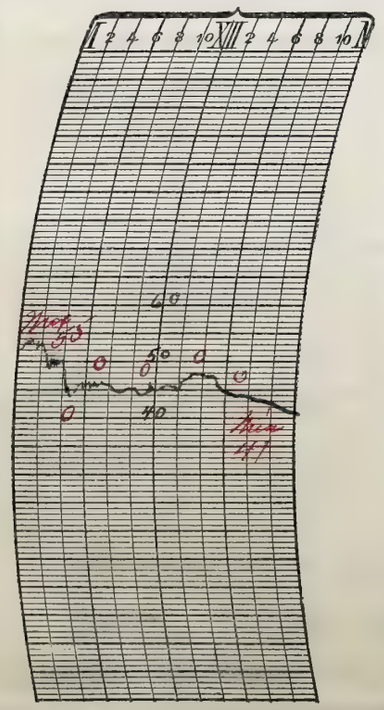


Prepared by A. G. Rheinfrank

Verified by P. McDonough

8—486

NOTES.

The maximum river at 7 a.m. stood at 21.5 feet, a rise of 0.9 of a foot since Thursday morning. Interests advised that the river might possibly reach a stage of 22 feet and begin to fall on Saturday.

The weather today was much cooler and disagreeable most of the day. The temperature which reached a maximum of 77 degrees for the month on yesterday afternoon reached a minimum of 44 degrees this morning.

Light rain prevailed during most of morning and cloudy conditions during the afternoon. Winds were strong from SW and W in morning diminishing in velocity during the afternoon.

Special Observation by order of C.O. at 11:00 a.m.

Form No. 1014—Met f.

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Saturday, (Date) APR 24 1920, 192

Time (local standard). 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	40	40	40	39	38	39	41	45	49	51	52	54	55	55	57	56	56	54	53	49	48	46	45	44
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation / Cloudiness and other conditions					Cloudless		Few Ac Cu		2 Ac Cu		8 Ac Cu		9 Ac Cu		8 Cu		5 Sc Cu		Few St.		Moonlight			
	Clear									Cloudy							Pt. Cy		Clear					
Sunshine (in tenths of hours)					20 0	.6 4	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	50 0					
Wind direction	NW	W	W	NW	NW	NW	N	N	NW	N	NW	NW	NW	NW	NW	NW	N	NW	NW	NW	NW	NW	N	NE
Wind movement	9	7	7	6	7	5	6	6	4	7	9	11	13	12	11	11	9	7	6	6	6	6	5	7
Maximum velocities (exceeding 29 miles) direction and time																								

Sunrise: Time, 4:48 Character, Clear

Moonrise: 10:05a

Sunset: Time, 6:30 Character, Clear

Moonset: ~~11:29p~~ ---

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

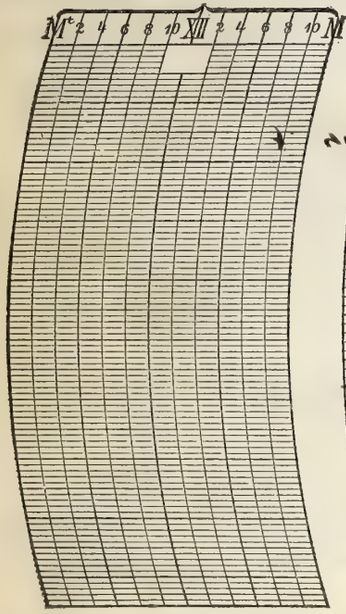
Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
57	38	48	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Pt. Cloudy Moon phase, 5
Average daily cloudiness (0-10),
Actual sunshine, hours, 13.7 Possible sunshine, hours, 13.7
Per cent of possible sunshine, 100
Prevailing wind direction, NW Total wind 183
Average hourly velocity, 7.6 Extreme velocity, 15
Maximum velocity, 14 Direction, NW
Time began, 12:13 p.m.
Reduced barometer, 30.157 a. m. 30.23 7, p. m.
River gage, 20.7 ft
Relative humidity, 79 7 a. m. 47 7 p. m.

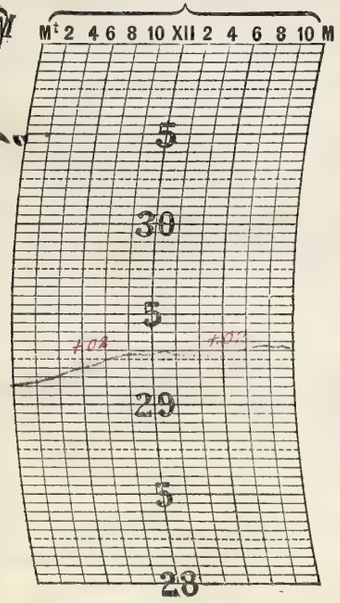
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 54.2 Wet temperature, 45.2
Dew-point, 35 R. humidity, 48 V. pressure, 203
Clouds: Amount, 9; Kind, Cu; Direction, NW
Velocity of clouds (miles per hour)

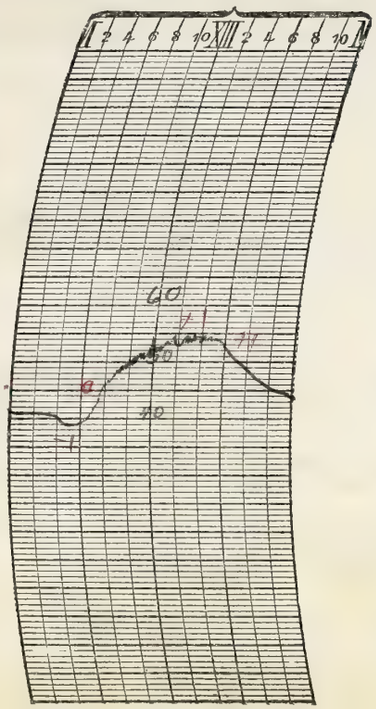
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

The Maumee River reached its crest yesterday morning at 7.00 a.m. with height of 21.5 ft and began to recede very slowly during the afternoon and night, showing a gage of 20.7 ft this morning at 7:00 a.m.

Weather was slightly cooler this morning with a minimum of 37.7 degrees and light frost in open places. The whole day was an ideal day although the temperature reached only a maximum of 57 degrees in the afternoon.

Frost warning was issued for local forecast on Sunday morning.

Prepared by A. G. Steinmetz

Verified by P. McDonough

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Sunday, (Date) APR 2 1 , 192

Time (local standard). 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	44	43	40	39	39	40	41	43	45	47	49	50
State of weather. Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions							5 Ci.St Ac.Cu		9 Ci.St		10 Ac.St	
	Pt Cloudy								Cloudy			
Sunshine (in tenths of hours)					0	.6	1.0	1.0	1.0	1.0	1.0	1.0
Wind direction	NE	E	E	E	E	E	E	E	E	E	E	E
Wind movement	6	8	7	4	5	8	10	10	9	8	8	11

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	52	52	53	53	52	50	48	45	42	40	39	37
State of weather. Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions	10 Ci.St Ac.Cu		10 Ci.St Ac.Cu	10 Ci.St Ac.Cu		5 Ci.St Ac.Cu	4 Ac.Cu					
			Cloudy				Pt. Cloudy					
Sunshine (in tenths of hours)	1.0	1.0	1.0	1.0	1.0	.9	0					
Wind direction	E	E	E	E	E	E	NE	NE	E	E	E	E
Wind movement	11	10	11	12	10	12	9	12	13	14	11	10

Sunrise: Time, 4:47 Character, Clear

Moonrise: 11:13a

Sunset: Time, 6:31 Character, Clear

Moonset: ~~[illegible]~~ 12:29a

Maximum velocities (exceeding 29 miles) direction and time.

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
53	37	45	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow, sleet, and hail on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Cloudy Moon phase, First Quarter 7:28 a.m.

Average daily cloudiness (0-10), 8

Actual sunshine, hours, 13.7 Possible sunshine, hours, 13.7

Per cent of possible sunshine, 100

Prevailing wind direction, E Total wind 229

Average hourly velocity, 9.5 Extreme velocity, 17

Maximum velocity, 16 Direction, E

Time began, 8:42 p m.

Reduced barometer, 30.28 7 a. m. 30.17 7 p. m.

River gage, 18.5 feet

Relative humidity, 72 7 a. m. 48 7 p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

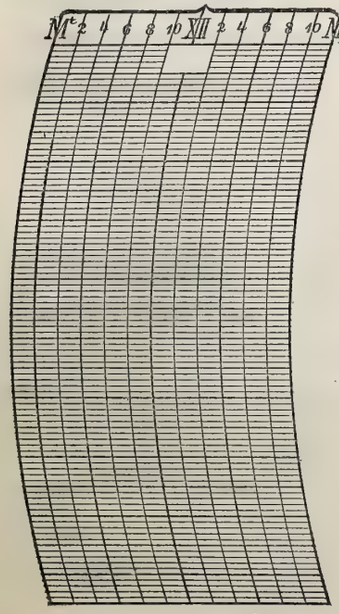
Dry temperature, 50.0 Wet temperature, 43.5

Dew-point, 36 R. humidity, 59 V. pressure, .211

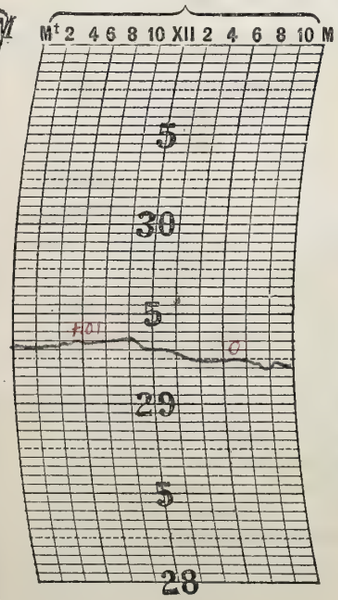
Clouds: Amount, 10; Kind, A.St.; Direction, W

Velocity of clouds (miles per hour)

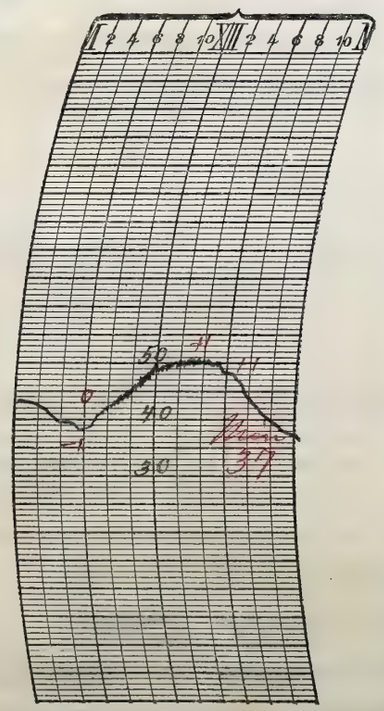
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



Prepared by A. C. Rhea-Frank

Verified by P. McDonough

8—486

NOTES.

Fine spring weather continued again today. It was somewhat cool in the morning with a minimum of 37.5 degrees and mild temperatures continued during the day. The sky was partly covered with Cirro stratus in the early morning and continued thus until about 9:00 am when the clouds began to thicken and during the afternoon permitted but ~~[illegible]~~ sunshine, Acto Stratus and Strato Cumulus being predominant.

A solar halo was observed from 6:10 a to 12:30 p. In the early part of morning a right and left parhelion were observed and also upper and lower tangential arcs.

Light frost in the morning

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Monday, (Date) APR 24 1920, 192

Time (local standard) 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	36	36	37	36	36	38	39	41	42	43	45	48
Nature of precipitation and time of beginning and ending											RB 10:10 RE 10:27	
Amounts of precipitation											T	
Cloudiness and other conditions					10 Ast Stcu		10 Ast Stcu		10 Ast Stcu		9 Acu	
Sunshine (in tenths of hours)					0	0	0	0	0	0	0	1.0
Wind direction	NE	E	E	E	E	E	NE	NE	E	E	NE	E
Wind movement	11	12	14	13	12	12	12	13	13	14	15	17

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	50	46	46	46	46	45	45	45	45	46	47	48
Nature of precipitation and time of beginning and ending	RB 12:56	LT	RAIN			RE 5:45						
Amounts of precipitation	T	.05	.01	T	.13	.01						
Cloudiness and other conditions	10 St		10 St		10 St		10 St					
Sunshine (in tenths of hours)	.3	0	0	0	0	0	0					
Wind direction	E	E	E	E	E	NE	E	E	SE	SE	SE	S
Wind movement	12	9	12	12	7	8	6	7	5	3	5	5

Cloudy

Sunrise: Time, 4:45 Character, Cloudy

Moonrise: ~~12:10 p~~ 12:20 p

Sunset: Time, 6:32 Character, Cloudy

Moonset: ~~1:22~~ 1:08 am

Maximum velocities (exceeding 64 miles) direction and time

Excessive precipitation, accumulated amounts

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
50	36	43	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow, sleet, and hail on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., .20 ins.

Total precipitation, midnight to midnight, .20 inches.

Character of day, Cloudy Moon phase,

Average daily cloudiness (0-10), 10

Actual sunshine, hours, 1.3 Possible sunshine, hours, 13.8

Per cent of possible sunshine, 9

Prevailing wind direction, E Total wind 249

Average hourly velocity, 10.4 Extreme velocity, 21

Maximum velocity, 20 Direction, E

Time began, 11:50 a.m.

Reduced barometer, 29.98 7 a. m. 29.72 7 p. m.

River gage, 15.4 feet

Relative humidity, 64 7 a. m. 91 7 p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

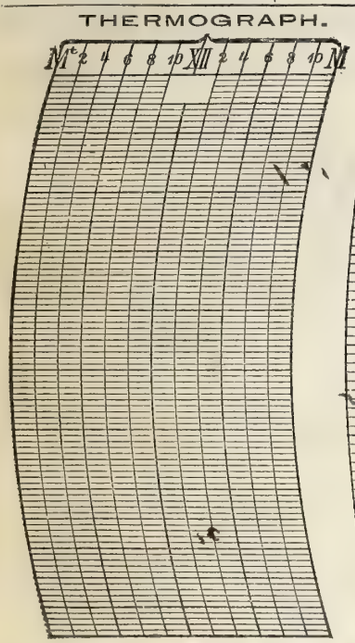
Dry temperature, 48.6 Wet temperature, 43.0

Dew-point, 36 R. humidity, 63 V. pressure, .211

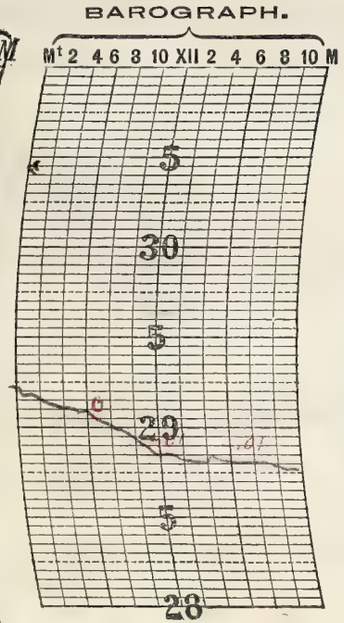
Clouds: Amount, 6; Kind, Acu; Direction, W

Velocity of clouds (miles per hour)

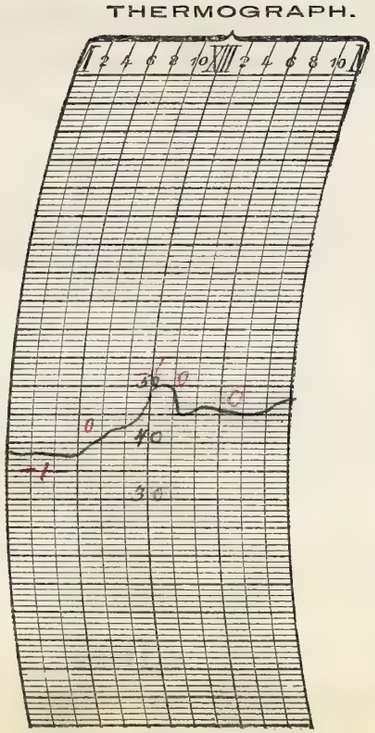
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

The weather today was cool and disagreeable all day. Light rain fell before noon and most of afternoon with quite a shower about 5:00 p.m. The temperature showed a small range. Winds were moderate mostly from East. A one pm special observation (75th M.T) was ordered by the central office.

Prepared by A. G. Rheinfrank

Verified by P. McDonough

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Tuesday, (Date) APR 2 - 1918, 192

Time (local standard) 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	48	49	47	46	46	45	44	43	43	43	43	42
Nature of precipitation and time of beginning and ending				RB DNa	RE DNa							
Amounts of precipitation				T	T							
Cloudiness and other conditions					10St		10St		10St		10StCu	
Sunrise: Time, Character	4:44 Cloudy											
Moonrise	1:25p											
Sunshine (in tenths of hours)					0	0	0	0	0	0	0	0
Wind direction	SW	SW	SW	W	SW	SW	W	SW	W	W	W	W
Wind movement	6	7	8	14	12	13	14	15	15	14	14	14

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	42	43	43	44	43	42	42	42	42	41	41	41
Nature of precipitation and time of beginning and ending	RB 12:10 RE 12:45				RB 4:10 RE 4:30	RB 5:15		RE 7:15		RB 9:05	RE DNp	
Amounts of precipitation	T				T	.01	.01	T		.01	T	
Cloudiness and other conditions	10St		10St		10St		10Nb					
Sunset: Time, Character										6:33 Cloudy		
Moonset										2:44p	1:42a	
Sunshine (in tenths of hours)	0	0	0	0	0	0	0					
Wind direction	SW	W	W	W	W	W	SW	SW	SW	SW	SW	SW
Wind movement	15	17	16	14	18	16	11	14	11	13	17	14

State of weather. Cloudy

Maximum velocities (exceeding 29 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

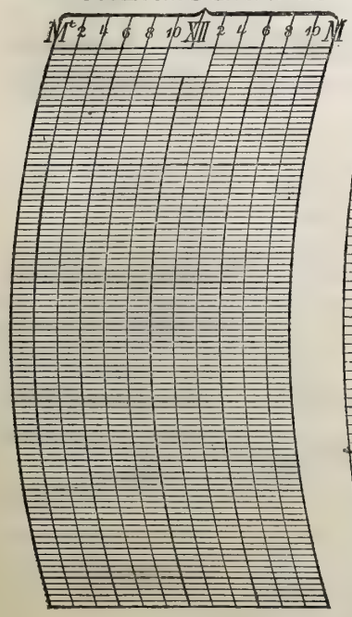
Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
49	41	45	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., T ins.; to 7 p. m., .02 ins.
Total precipitation, midnight to midnight, .03 inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0-10), 10
Actual sunshine, hours, 0 Possible sunshine, hours, 13.8
Per cent of possible sunshine, 0
Prevailing wind direction, SW Total wind 322
Average hourly velocity, 13.4 Extreme velocity, 22
Maximum velocity, 22 Direction, W
Time began, 5:07 p.m.
Reduced barometer, 29.66 a. m. 29.68 p. m.
River gage, 11.4 feet
Relative humidity, 87 a. m. 80 p. m.

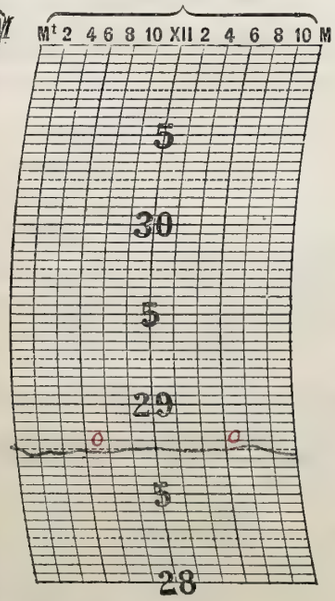
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 43.7 Wet temperature, 40.9
Dew-point, 38 R. humidity, 79 V. pressure, .228
Clouds: Amount, 10; Kind, StCu; Direction, W
Velocity of clouds (miles per hour)

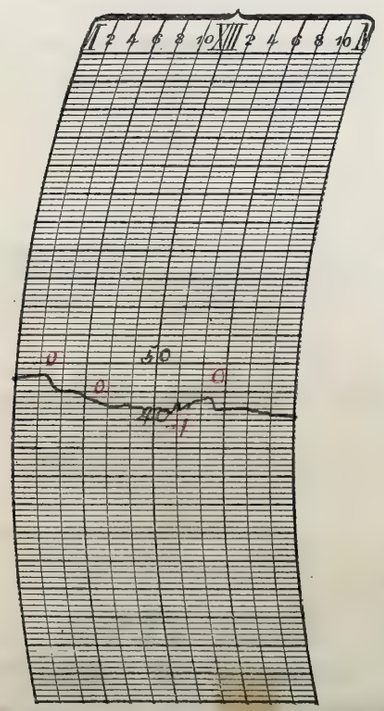
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

The weather continued cool and threatening all day with a small range in the temperature and with a shower in the early morning and three showers in the afternoon. The winds shifted from southeast to southwest about midnight and continued southwest and west throughout the day with moderate velocities.

Prepared by C. C. Thiemann
Verified by P. M. Donough

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Wednesday, (Date) APR 28 1920, 192

Time (local standard) 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	41	40	40	40	40	40	40	41	42	44	46	46
State of weather: Nature of precipitation and time of beginning and ending					RB DNa	- - -	-	RE 7:45a			RB 10:49 R+HB 11:10 11:15	- -
Amounts of precipitation					.01	T	.02	T			T	.01
Cloudiness and other conditions					10 St		10 St		10 St Cu		10 St Cu	

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	47	46	48	50	49	50	50	50	48	47	46	44
State of weather: Nature of precipitation and time of beginning and ending	- -	- -	- -	RE 3:45								
Amounts of precipitation	.01 R+HB 12:45 12:55	.01 ~~.02~~	T	T								
Cloudiness and other conditions	10 St Cu St		10 St Cu			10 St Cu						

Cloudy

Sunrise: Time, 4:43 Character, Cloudy

Moonrise: ~~2:35p~~ 2:29 pm

Sunset: Time, 6:34 Character, Cloudy

Moonset: ~~2:44p~~ 2:13 A.

	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Sunshine (in tenths of hours)					0	0	0	0	.3	.9	.8	.7
Wind direction	SW	SW	SW	SW	SW	SW	W	W	W	W	W	W
Wind movement	15	14	13	15	16	16	18	17	19	21	22	22
Maximum velocities (exceeding 29 miles) direction and time												

	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Sunshine (in tenths of hours)	.1	.4	.5	.4	0	0	0					
Wind direction	W	W	W	W	SW	W	W	W	SW	SW	SW	SW
Wind movement	16	15	23	25	19	14	10	12	15	12	15	13
Maximum velocities (exceeding 29 miles) direction and time			30 SW 2:38	30 W 3:21								

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
51	39	45	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow, sleet, and hail on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., .03 ins.; to 7 p. m., .04 ins.

Total precipitation, midnight to midnight, ~~.02~~ .06 inches.

Character of day, Cloudy Moon phase,

Average daily cloudiness (0-10), 10

Actual sunshine, hours, 4.1 Possible sunshine, hours, 13.8

Per cent of possible sunshine, 30

Prevailing wind direction, W Total wind 402

Average hourly velocity, 16.8 Extreme velocity, 35

Maximum velocity, 30 Direction, SW

Time began, 2:38 pm

Reduced barometer, 29.68 7 a. m. 29.80 7, p. m.

River gage, 4.2 ft.

Relative humidity, 84 7 a. m. 55 7 p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

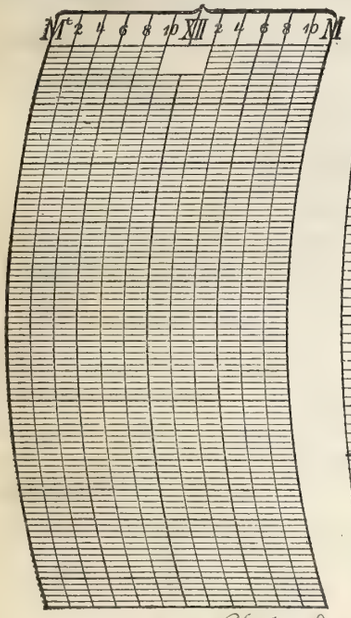
Dry temperature, 46.0 Wet temperature, 41.0

Dew-point, 35 R. humidity, 65 V. pressure, 210 3

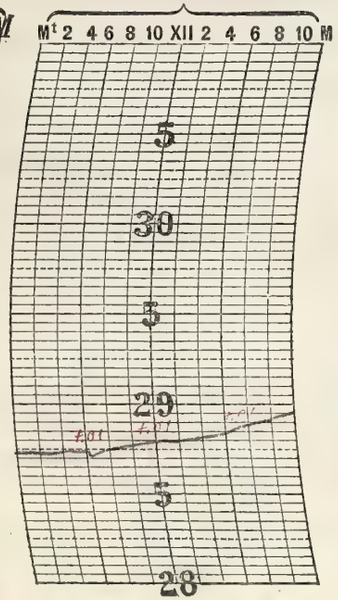
Clouds: Amount, 10; Kind, St Cu; Direction, W

Velocity of clouds (miles per hour)

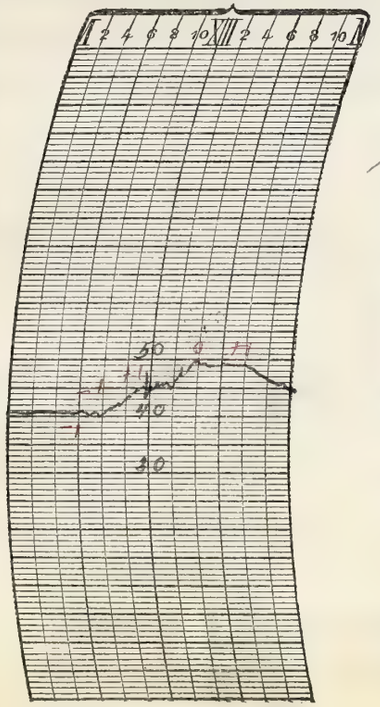
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

Frost warning was received embodied in the regular ann. forecast.

Special noon (175th Meridian Time) observation ordered by Central Office.

The day was a cold and cloudy day with rain and hail causing it to be very disagreeable out of doors.

Prepared by A. C. Rheinhard

Verified by J. M. McDonough

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Thursday, (Date) [illegible], 192

Time (local standard). 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	43	41	40	39	38	38	44	47	50	55	56	58
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions	?				Clear							
Sunshine (in tenths of hours)					0	0.5	1.0	1.0	1.0	1.0	1.0	1.0
Wind direction	SW	SW	SW	SW	SW	SW	SW	SW	W	W	W	W
Wind movement	12	13	14	12	12	12	10	13	14	16	15	15

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	60	61	61	61	61	60	59	59	55	54	54	53
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions	Pt. Cldy							Cloudy				
Sunshine (in tenths of hours)	1.0	1.0	1.0	1.0	0.5	0	0					
Wind direction	W	W	W	W	W	SW	W	W	N	NE	SE	E
Wind movement	15	15	13	10	9	7	5	3	4	6	5	6

Sunrise: Time, 4:41 Character, Clear
Moonrise: 3:32 pm
Sunset: Time, 6:35 Character, Cloudy
Moonset: ~~3:18 a~~ 2:41 a

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
62	38	50	

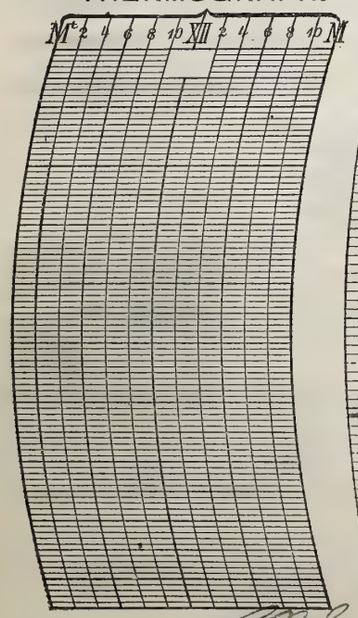
Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Clear Moon phase,
Average daily cloudiness (0-10), 4
Actual sunshine, hours, 11.8 Possible sunshine, hours, 13.9
Per cent of possible sunshine, 85
Prevailing wind direction, W Total wind 256
Average hourly velocity, 10.7 Extreme velocity, 20
Maximum velocity, 19 Direction, W
Time began, 10:58 am
Reduced barometer, 30.007 a. m. 30.017, p. m.
River gage, 7.9 ft
Relative humidity, 64 7 a. m. 42 7 p. m.

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

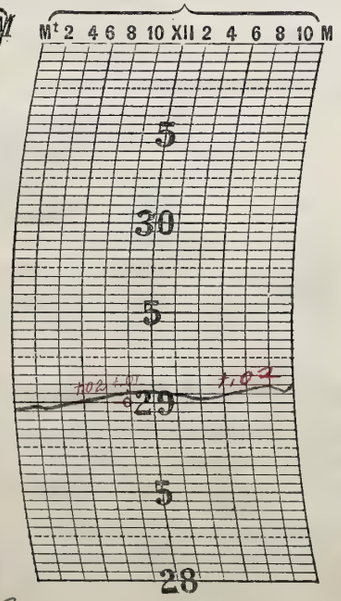
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 58.0 Wet temperature, 45.0
Dew-point, 29 R. humidity, 33 V. pressure, .157
Clouds: Amount, Few; Kind, Cu St; Direction, W
Velocity of clouds (miles per hour)

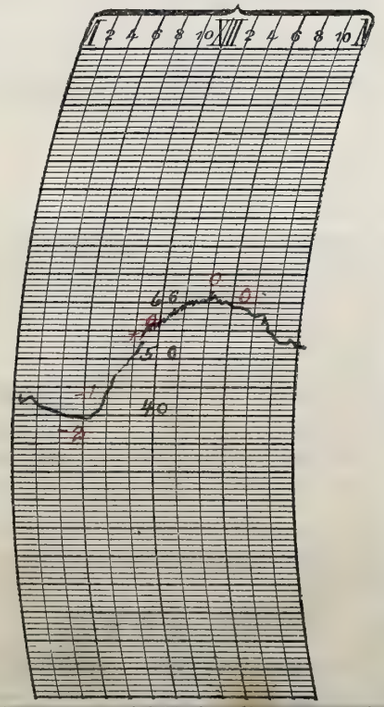
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

The day opened clear and bright but during the morning it commenced clouding up and by evening the greater portion of the sky was obscured by clouds. While the sky was overcast during the afternoon the temperature was moderate and as a whole was a really pleasant day.

Prepared by [illegible]
Verified by P. McDonough

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Friday, (Date) APR 30 1920, 192

Time (local standard). 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	51	51	51	48	47	49	50	51	52	56	51	50
State of weather: Nature of precipitation and time of beginning and ending				RB DNR					RE 8:06			
Amounts of precipitation				.06	.14	.17	.03	T	T			
Cloudiness and other conditions	Cloudy											
Sunrise: Time, Character,	4:40 Cloudy											
Moonrise:	4:32p											
Sunshine (in tenths of hours)					0	0	0	0	0.1	0.8	0.4	0.7
Wind direction	E	E	SE	SE	E	E	E	SE	E	E	NE	NE
Wind movement	7	7	8	8	7	7	7	6	7	6	13	14
Maximum velocities (exceeding 29 miles) direction and time												

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	48	47	45	43	44	45	46	45	44	43	41	39
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions	Cloudy											?
Sunset: Time, Character,									6:36 Cloudy			
Moonset:									3:13a			
Sunshine (in tenths of hours)	0.4	0	0	0	0	0	0					
Wind direction	NE	NE	N	N	NE	N	NW	NW	W	W	W	W
Wind movement	13	13	14	15	14	8	8	9	8	8	9	8

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
59	39	49	

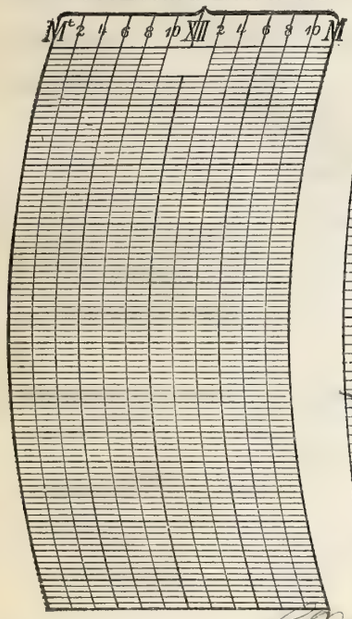
Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., .32 ins.; to 7 p. m., .01 ins.
Total precipitation, midnight to midnight, .40 inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0-10), 10
Actual sunshine, hours, 2.6 Possible sunshine, hours, 13.9
Per cent of possible sunshine, 19
Prevailing wind direction, E Total wind 224
Average hourly velocity, 9.3 Extreme velocity, 23
Maximum velocity, 21 Direction, N
Time began, 3:02 pm
Reduced barometer, 29.817 a. m. 30.033 p. m.
River gage, 7.3 Ft
Relative humidity, 93 7 a. m. 78 7 p. m.

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

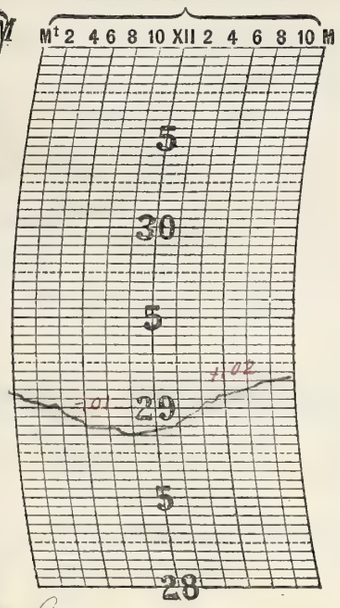
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 49.4 Wet temperature, 46.9
Dew-point, 44 R. humidity, 83 V. pressure, .287
Clouds: Amount, 10; Kind, St Cu; Direction, E
Velocity of clouds (miles per hour)

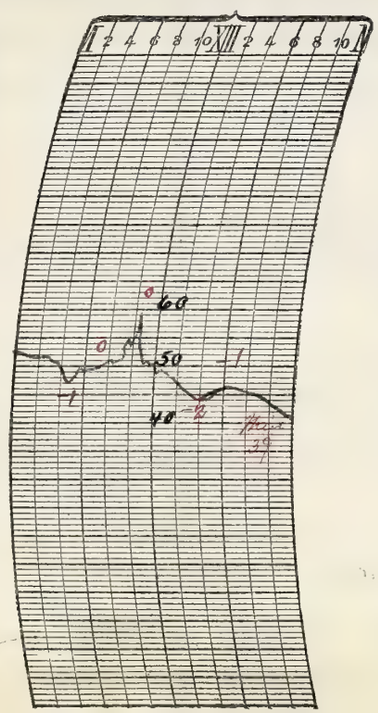
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

A cloudy, cold and rather disagreeable day.

Prepared by C. A. S.
Verified by J. McDonough

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Saturday, (Date) [illegible] 1920, 192

Time (local standard). 90 mer. normal time.

	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	39	38	37	37	36	36	41	48	52	54	56	57
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions	?				Clear							
Sunshine (in tenths of hours)					0	0	0.9	1.0	1.0	1.0	1.0	1.0
Wind direction	W	NW	NW	W	W	W	W	W	W	W	NW	NW
Wind movement	6	7	5	5	3	4	4	3	6	7	12	15

	P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	58	59	60	60	58	57	55	53	51	50	49	48
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions					Clear							?
Sunshine (in tenths of hours)	1.0	1.0	1.0	1.0	0.9	0.8						
Wind direction	NW	NW	NW	NW	NW	NW	N	N	N	NE	NE	NE
Wind movement	13	14	13	13	11	8	4	3	5	5	4	4

Sunrise: Time, 4:39 Character, Clear
Moonrise: 5:33p
Sunset: Time, 6:37 Character, Cloudy
Moonset: 3:45a

Maximum velocities (exceeding 29 miles) direction and time.

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts.

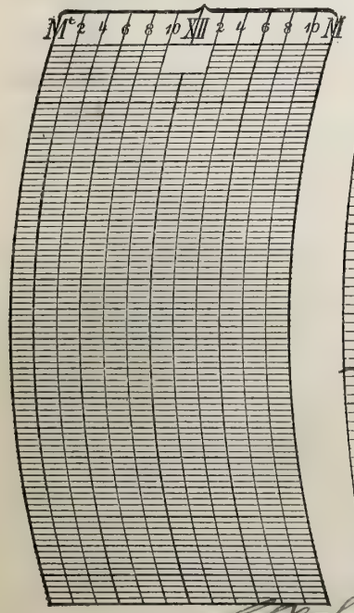
Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
60	36	48	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Clear Moon phase,
Average daily cloudiness (0–10), 1
Actual sunshine, hours, 13.0 Possible sunshine, hours, 14.0
Per cent of possible sunshine, 93
Prevailing wind direction, NW Total wind 174
Average hourly velocity, 7.2 Extreme velocity, 17
Maximum velocity, 17 Direction, NW
Time began, 2:12 pm
Reduced barometer, 30.17 7 a. m. 30.05 7 p. m.
River gage, 8.35 ft.
Relative humidity, 69 7 a. m. 34 7 p. m.

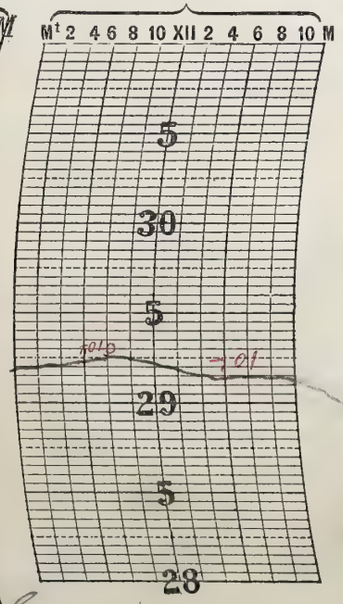
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 57.0 Wet temperature, 45.5
Dew-point, 26 R. humidity, 29 V. pressure, 1.36
Clouds: Amount, 3; Kind, Ast; Direction, W
Velocity of clouds (miles per hour)

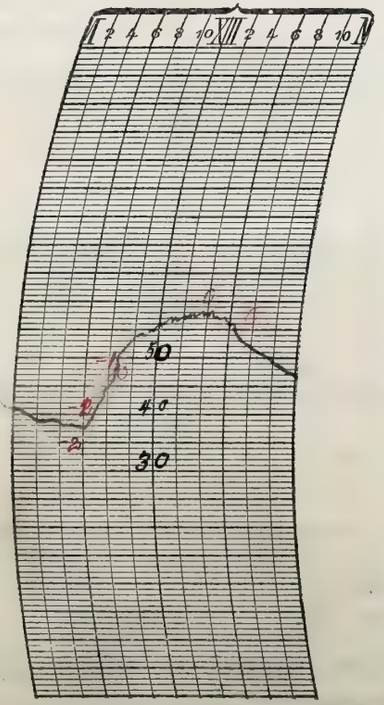
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



Prepared by [illegible]
Verified by C. McDonough

8—486

NOTES.

A clear and pleasant day.
Light frost in the am; no damage.

Estimated

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Sunday, (Date) MAY 2 1920, 192

Time (local standard) 90" mer. normal time.

	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	46	46	47	47	45	46	49	48	50	53	55	56
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions	?				Cloudy							
Sunshine (in tenths of hours)					0	0	0	0	0.6	1.0	1.0	1.0
Wind direction	E	E	SE	SE	S	NE	E	NE	NE	E	NE	NE
Wind movement	4	4	3	4	2	3	2	6	6	6	8	8

	P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	58	58	58	58	56	55	52	48	45	43	42	41
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions						Clear						
Sunshine (in tenths of hours)	1.0	1.0	1.0	1.0	1.0	1.0	0.1					
Wind direction	NE	NE	NE	NE	NE	NE	NE	NE	E	E	E	E
Wind movement	8	9	8	10	11	13	14	15	13	12	11	7

Sunrise: Time, 4:37 Character, Cloudy
Moonrise: 6:32p
Sunset: Time, 6:38 Character, Clear
Moonset: 4:17a

Maximum velocities (exceeding 29 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

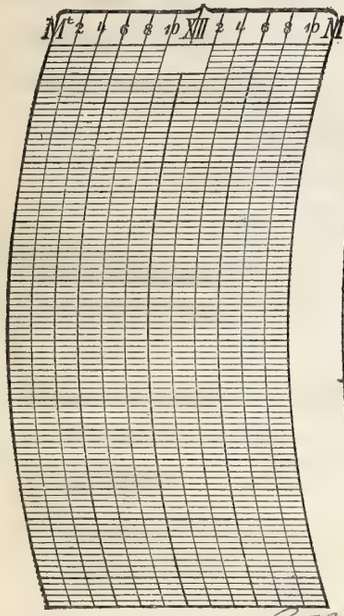
Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
58	41	50	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Pt. Cloudy Moon phase, Full - 7:42p
Average daily cloudiness (0-10), 4
Actual sunshine, hours, 10.2 Possible sunshine, hours, 14.0
Per cent of possible sunshine, 73
Prevailing wind direction, NE Total wind 187
Average hourly velocity, 7.8 Extreme velocity, 18
Maximum velocity, 18 Direction, NE
Time began, 7:38pm
Reduced barometer, 30.04 7 a. m. 30.04 7 p. m.
River gage, 8.0 Ft.
Relative humidity, 55 7 a. m. 52 7 p. m.

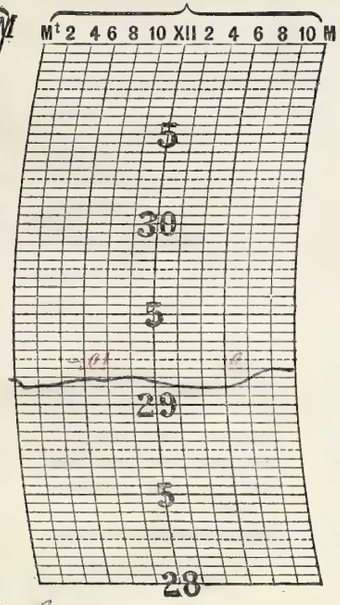
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 55.0 Wet temperature, 44.5
Dew-point, 32 R. humidity, 42 V. pressure, 28.0
Clouds: Amount, 1; Kind, St. Cu.; Direction, NE
Velocity of clouds (miles per hour)

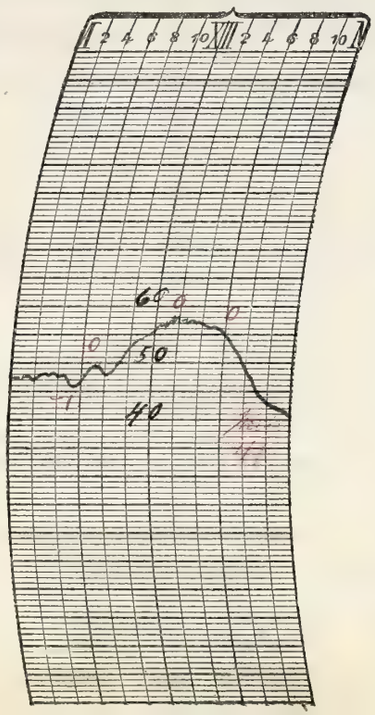
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



Prepared by C. C. S.
Verified by C. McDonough

8—486

NOTES.

Estimated.

While the day as a whole was partly cloudy, it was warm and pleasant.

A lunar eclipse was observed at about 7:38pm and became almost total at 8:28pm, then disappeared at 9:40pm.

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Monday, (Date) MAY 3 1920, 192

Time (local standard). 90th mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	39	38	37	36	35	36	38	43	46	47	50	52
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions	← Clear										→ Pt. Cldy	
Sunrise: Time, Character,	4:36 Clear											
Moonrise:	7:29p											
Sunshine (in tenths of hours)					.40 0	0.2 0.8	1.0	1.0	1.0	1.0	1.0	1.0
Wind direction	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE
Wind movement	8	7	7	6	6	8	9	11	13	13	12	10
Maximum velocities (exceeding 29 miles) direction and time												

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	54	55	56	56	56	55	54	52	51	49	49	47
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions	→							→ Clear				→
Sunrise: Time, Character,									Sunset: 6:39 Clear			
Moonrise:									Moonset: 4:53a			
Sunshine (in tenths of hours)	1.0	1.0	1.0	1.0	1.0	1.0	.65 0					
Wind direction	NE	NE	NE	NE	NE	NE	NE	NE	NE	E	E	E
Wind movement	8	11	12	12	11	12	6	4	5	4	2	3
Maximum velocities (exceeding 29 miles) direction and time												

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
56	35	46	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Clear Moon phase,
Average daily cloudiness (0-10), 3
Actual sunshine, hours, 14.0 Possible sunshine, hours, 14.0
Per cent of possible sunshine, 100
Prevailing wind direction, NE Total wind 200
Average hourly velocity, 8.3 Extreme velocity, 18
Maximum velocity, 16 Direction, NE
Time began, 9:02 am.
Reduced barometer, 30.17 7 a. m. 30.12, p. m.
River gage, 9.3 Ft.
Relative humidity, 72 7 a. m. 38 p. m.

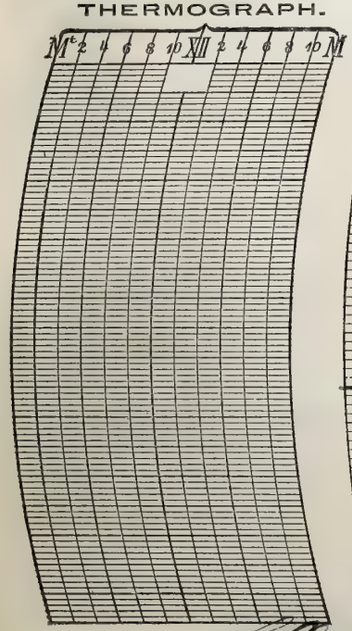
Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

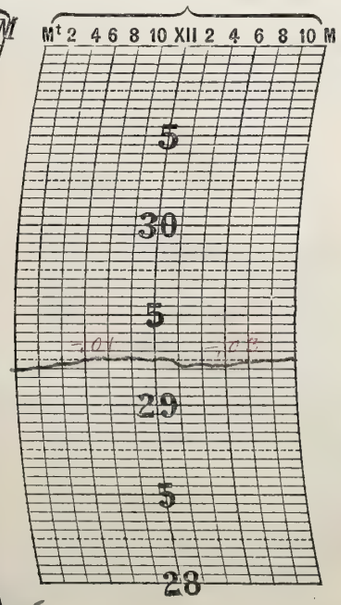
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 51.9 Wet temperature, 43.0
Dew-point, 32 R. humidity, 46 V. pressure, .180
Clouds: Amount, 4; Kind, Cu.; Direction, NE
Velocity of clouds (miles per hour)

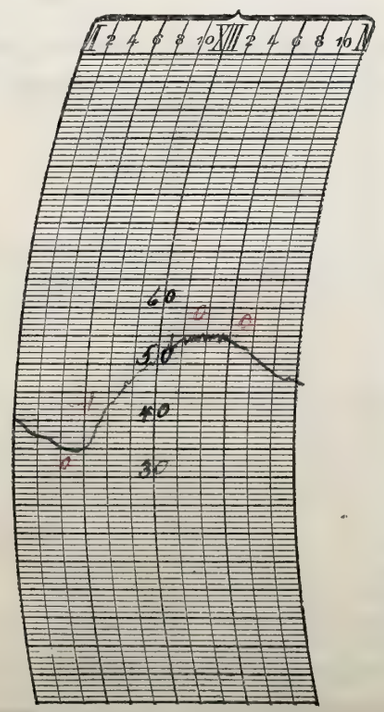
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

Heavy frost was observed this morning.
A beautiful warm and pleasant day.

Prepared by
Verified by J. M. Donoughe

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Tuesday, (Date) MAY 4 1920, 192

Time (local standard). 90° mer. normal time.

	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	46	44	42	40	40	41	45	50	52	56	57	58	59	58	58	57	57	56	55	55	53	52	51	48
State of weather. Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions	← Clear												× Pt. Cloudy						Cloudy					→
Sunrise: Time, Character,	4:35 Clear																							
Moonrise:	8:23p																							
Sunset: Time, Character,																					6:40 Cloudy			
Moonset:																					5:33a			
Sunshine (in tenths of hours)					.42 0	0.2 0.8	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.4	0	0	0					
Wind direction	E	E	E	N	N	NE	NE	NE	E	E	E	E	NE	E	NE	NE	NE	NE	NE	E	E	E	E	E
Wind movement	1	1	1	5	4	6	6	5	7	5	8	6	7	7	9	10	9	10	7	7	6	6	7	7
Maximum velocities (exceeding 29 miles) direction and time																								

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

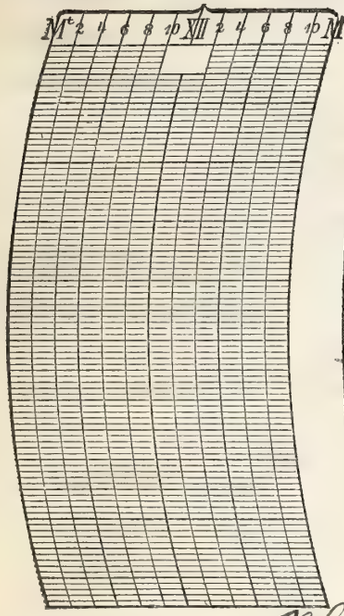
Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
60	39	50	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Pt. Cloudy Moon phase,
Average daily cloudiness (0–10), 5
Actual sunshine, hours, 10.8 Possible sunshine, hours, 14.1
Per cent of possible sunshine, 77
Prevailing wind direction, E Total wind 147
Average hourly velocity, 6.1 Extreme velocity, 12
Maximum velocity, 12 Direction, NE
Time began, 3:20 pm.
Reduced barometer, 30.24 7 a. m. 30.22 7 p. m.
River gage, 6.6 Ft.
Relative humidity, 57 7 a. m. 44 7 p. m.

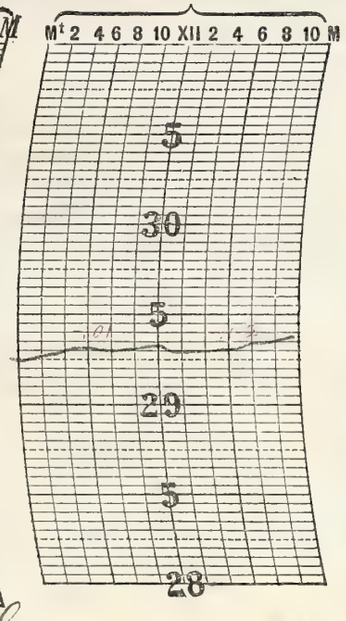
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 58.2 Wet temperature, 47.3
Dew-point, 36 R. humidity, 43 V. pressure, .211
Clouds: Amount, 7; Kind, Cu; Direction, NE
Velocity of clouds (miles per hour)

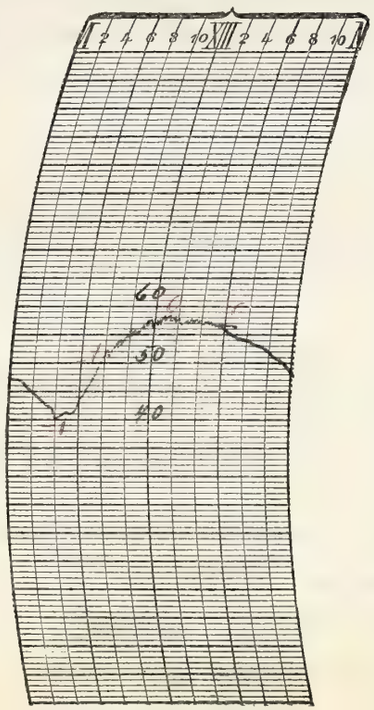
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

Light frost was observed this morning.
The day was partly cloudy, though cool. It was rather pleasant outdoors.

Prepared by J. C. S.
Verified by J. M. Donough

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Wednesday, (Date) MAY [illegible], 192

Time (local standard). 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	45	44	43	41	40	41	44	48	51	54	57	58
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions	?					Clear						
Sunrise: Time, Character,	4:33 Clear											
Moonrise:	9:13p											
Sunshine (in tenths of hours)					0	0.8	1.0	1.0	1.0	1.0	1.0	1.0
Wind direction	E	E	E	NE	NE	NE	NE	E	E	E	E	E
Wind movement	8	5	6	5	6	9	9	11	10	8	11	10

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	60	62	63	63	62	61	58	54	52	49	47	46
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions						Clear						?
Sunset: Time, Character,									6:41 Clear			
Moonset:									6:16a			
Sunshine (in tenths of hours)	1.0	1.0	1.0	1.0	1.0	0.9	0					
Wind direction	E	E	NE	NE	NE	NE	NE	E	E	E	E	NE
Wind movement	9	9	10	10	11	11	9	12	10	7	8	6

Maximum velocities (exceeding 29 miles) direction and time.

Excessive precipitation, accumulated amounts.

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

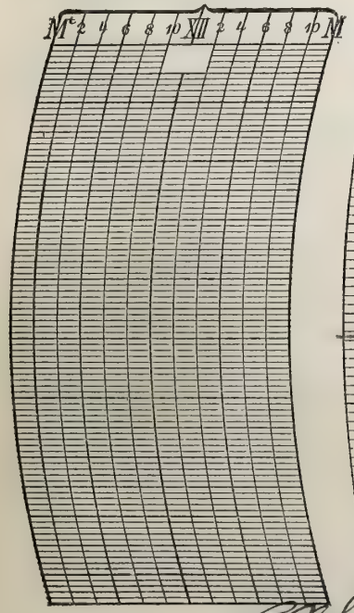
Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
63	40	52	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Clear Moon phase,
Average daily cloudiness (0-10), 0
Actual sunshine, hours, 14.1 Possible sunshine, hours, 14.1
Per cent of possible sunshine, 100
Prevailing wind direction, E Total wind 210
Average hourly velocity, 8.8 Extreme velocity, 15
Maximum velocity, 15 Direction, E
Time began, 7:19 pm
Reduced barometer, 30.34 7 a. m. 30.31 7 p. m.
River gage, 5.7 ft.
Relative humidity, 56 7 a. m. 40 7 p. m.

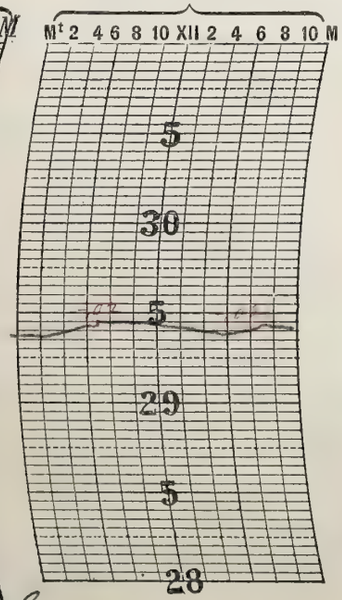
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 58.7 Wet temperature, 45.0
Dew-point, 28 R. humidity, 31 V. pressure, .150
Clouds: Amount, 0; Kind, 0; Direction, 0
Velocity of clouds (miles per hour)

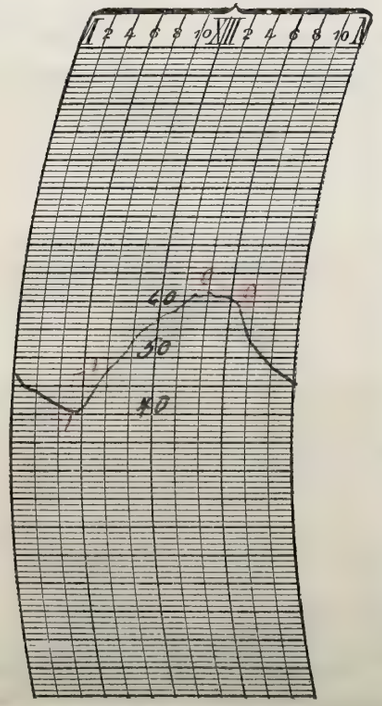
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

A clear and pleasant day with moderate temperatures

Prepared by [illegible]

Verified by F. McDonough

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Thursday, (Date) MAY 6 1920, 192

Time (local standard) 90° mer. normal time.

	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	45	44	41	42	42	45	48	54	57	59	60	62
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions	?	—	—	—	Pt. Cloudy	—	—	—	—	—	—	—
Sunshine (in tenths of hours)					0	0.7	1.0	1.0	1.0	1.0	1.0	1.0
Wind direction	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE
Wind movement	5	6	6	7	7	5	7	8	8	10	10	10

	P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	63	63	64	62	63	63	62	61	59	57	57	53
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions	—	—	—	—	Pt. Cloudy	—	—	—	—	—	—	?
Sunshine (in tenths of hours)	1.0	1.0	1.0	1.0	1.0	0.7	0					
Wind direction	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	N
Wind movement	11	11	10	9	9	8	3	3	3	3	3	4

Sunrise: Time, 4:32 Character, Cloudy
Moonrise: 10:00p
Sunset: Time, 6:42 Character, Cloudy
Moonset: 7:04a

Maximum velocities (exceeding 29 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

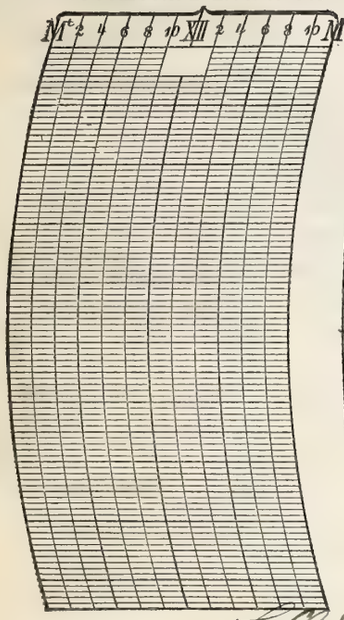
Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
64	41	52	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Pt. Cloudy Moon phase,
Average daily cloudiness (0-10), 4
Actual sunshine, hours, 12.4 Possible sunshine, hours, 14.2
Per cent of possible sunshine, 87
Prevailing wind direction, NE Total wind 166
Average hourly velocity, 6.9 Extreme velocity, 12
Maximum velocity, 12 Direction, NE
Time began, 10:11am
Reduced barometer, 30.34 7 a. m. 30.24 7 p. m.
River gage, 4.9 Feet
Relative humidity, 50 7 a. m. 33 7 p. m.

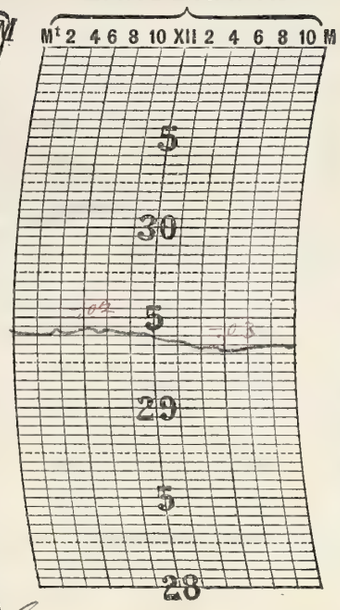
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 60.8 Wet temperature, 46.0
Dew-point, 28 R. humidity, 29 V. pressure, 150
Clouds: Amount, 5; Kind, Ci St; Direction, W
Velocity of clouds (miles per hour)

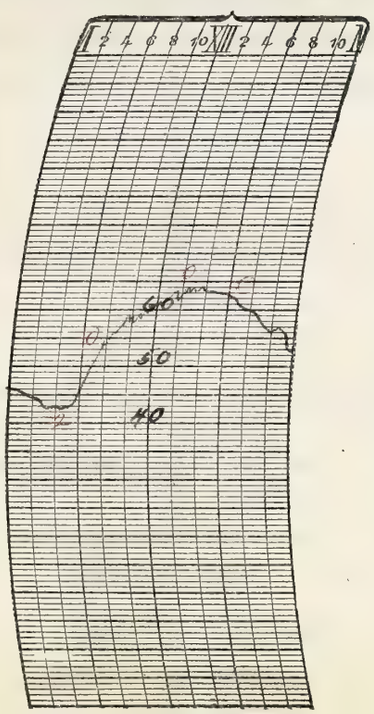
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

Partly cloudy and very pleasant day.

Prepared by E. A. S.
Verified by C. McDonough

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Friday, (Date) MAY 1929, 192

Time (local standard) 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	52	52	52	51	50	51	53	56	59	61	63	65
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions	?				Cloudy							*Fog*
Sunrise: Time, Character	4:31 Cloudy											
Moonrise	10:42p											
Sunshine (in tenths of hours)					0	0	0	0.7	1.0	1.0	1.0	1.0
Wind direction	N	N	N	N	N	N	N	N	N	N	N	N
Wind movement	6	4	5	3	2	2	3	5	5	6	9	9
Maximum velocities (exceeding 29 miles) direction and time												

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	65	66	66	66	66	65	63	63	61	58	56	55
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions	*Fog*						Cloudy					?
Sunset: Time, Character									6:43 Cloudy			
Moonset									7:55a			
Sunshine (in tenths of hours)	1.0	1.0	1.0	1.0	0.6	0	0					
Wind direction	N	N	N	N	N	N	N	N	N	N	NW	NW
Wind movement	9	9	9	9	7	8	3	2	5	7	6	5
Maximum velocities (exceeding 29 miles) direction and time												

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
67	50	58	

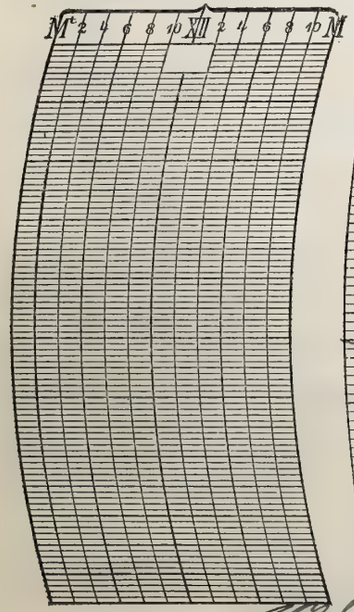
Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0-10), 9
Actual sunshine, hours, 9.3 Possible sunshine, hours, 14.2
Per cent of possible sunshine, 65
Prevailing wind direction, N Total wind 138
Average hourly velocity, 5.8 Extreme velocity, 13
Maximum velocity, 12 Direction, NE
Time began, 1:35 pm.
Reduced barometer, 30.24 7 a. m. 30.09 7 p. m.
River gage, 4.5 feet.
Relative humidity, 50 7 a. m. 34 7 p. m.

	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																				

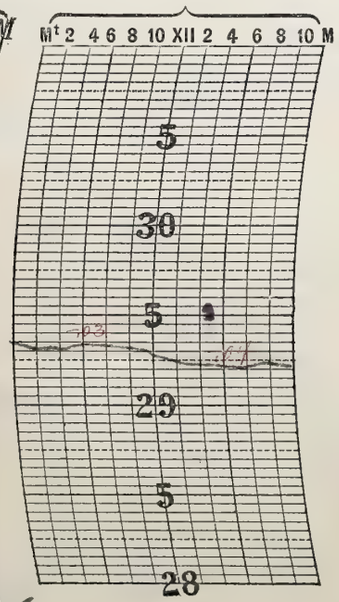
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 64.8 Wet temperature, 47.0
Dew-point, 25 R. humidity, 22 V. pressure, .130
Clouds: Amount, 5; Kind, AST; Direction, NW
Velocity of clouds (miles per hour)

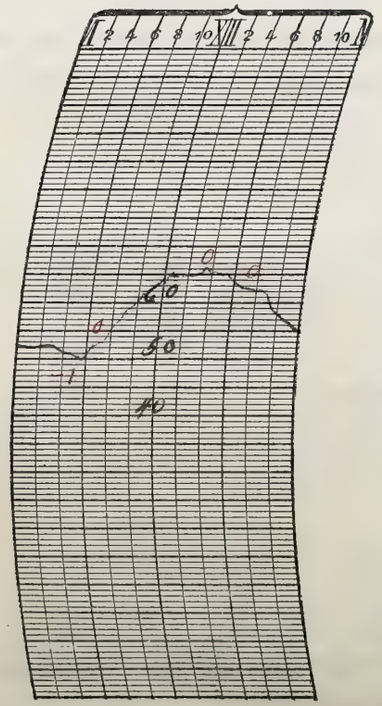
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

Though cloudy the day was moderately warm and rather pleasant.

A solar halo of 22° was observed at 6:40 am; it ended about 8:10 am; there were no attendant arcs or tangents during the period of visibility and the colors were indistinguishable on account of faintness.

Prepared by [illegible]
Verified by J. McDonough

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Saturday, (Date) MAY 1 1920, 192

Time (local standard) 90th mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	53	52	50	49	49	48	52	57	60	61	63	64
Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions	9 — Clear —											
Sunshine (in tenths of hours)					0	0.2	1.0	1.0	1.0	1.0	1.0	1.0
Wind direction	NW	N	NW	NW	NW	NW	N	N	N	N	N	N
Wind movement	7	4	5	7	5	7	7	9	11	12	13	12

Sunrise: Time, 4:30; Character, Clear. Moonrise: 11:19p

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	65	66	61	66	64	63	61	59	57	53	51	50
Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions	Clear —											
Sunshine (in tenths of hours)	1.0	1.0	1.0	1.0	1.0	1.0	0.1					
Wind direction	N	N	N	NW	NW	NW	NW	NW	NW	NW	NW	NW
Wind movement	11	14	12	14	17	14	9	6	7	8	8	9

Sunset: Time, 6:44; Character, Cloudy. Moonset: 8:49a

Maximum velocities (exceeding 29 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

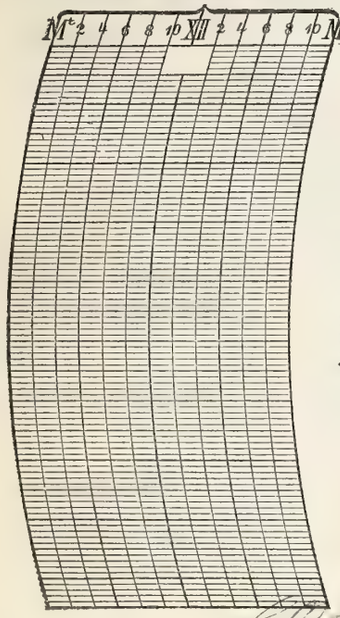
Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
67	48	58	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Clear Moon phase,
Average daily cloudiness (0-10), 2
Actual sunshine, hours, 13.6 Possible sunshine, hours, 14.3
Per cent of possible sunshine, 96
Prevailing wind direction, NW Total wind 238
Average hourly velocity, 9.5 Extreme velocity, 33
Maximum velocity, 19 Direction, NW
Time began, 4:48 pm.
Reduced barometer, 30.14 7 a. m. 30.09 7 p. m.
River gage, 4.1 ft.
Relative humidity, 56 7 a. m. 34 7 p. m.

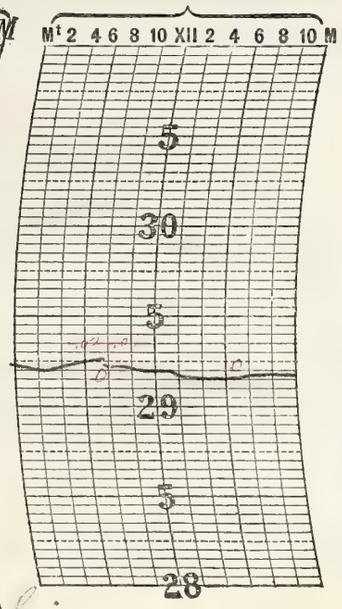
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 63.3 Wet temperature, 47.7
Dew-point, 30 R. humidity, 28 V. pressure, 16.4
Clouds: Amount, 1; Kind, A St; Direction, NW
Velocity of clouds (miles per hour)

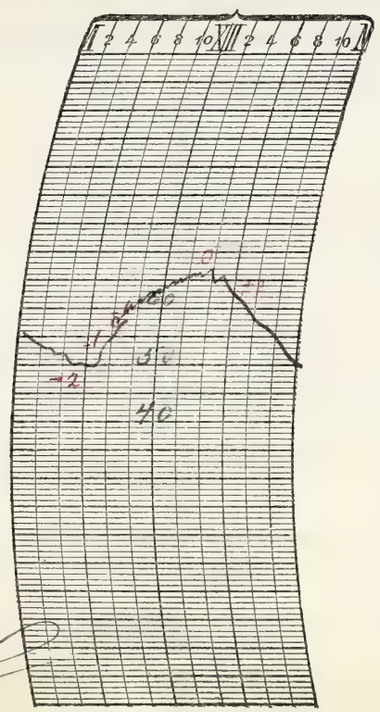
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

A clear and pleasant day with an abundance of sunshine.

Prepared by

Verified by J. M. C. Dunaugh

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Sunday, (Date) MAY 1920, 192

Time (local standard). 90° mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	49	47	46	45	46	48	49	58	63	66	68	70
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions	Clear											
Sunrise: Time, Character,	4:29 Clear											
Moonrise:	11:54p											
Sunshine (in tenths of hours)					.52 0	0.8 0.2	1.0	1.0	1.0	1.0	1.0	1.0
Wind direction	NW	NW	NW	W	W	W	W	SW	SW	SW	W	W
Wind movement	6	5	3	5	5	5	4	7	11	12	15	16
Maximum velocities (exceeding 29 miles) direction and time												

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	72	72	73	74	73	72	71	67	64	63	61	60
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions	Clear											9
Sunset: Time, Character,									6:45 Clear			
Moonset:									9:47a			
Sunshine (in tenths of hours)	1.0	1.0	1.0	1.0	1.0	0.2 0.8	.75 0					
Wind direction	W	W	W	W	W	W	W	W	SW	SW	SW	SW
Wind movement	16	16	15	16	13	10	5	6	5	8	8	9
Maximum velocities (exceeding 29 miles) direction and time												

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
74	45	60	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Clear Moon phase,
Average daily cloudiness (0-10), Fair
Actual sunshine, hours, 14.3 Possible sunshine, hours, 14.3
Per cent of possible sunshine, 100
Prevailing wind direction, W Total wind 251
Average hourly velocity, 9.2 Extreme velocity, 33
Maximum velocity, 20 Direction, W
Time began, 1:48pm
Reduced barometer, 30.10 7 a. m. 29.95 7 p. m.
River gage, 3.8 Ft.
Relative humidity, 49 7 a. m. 31 7 p. m.

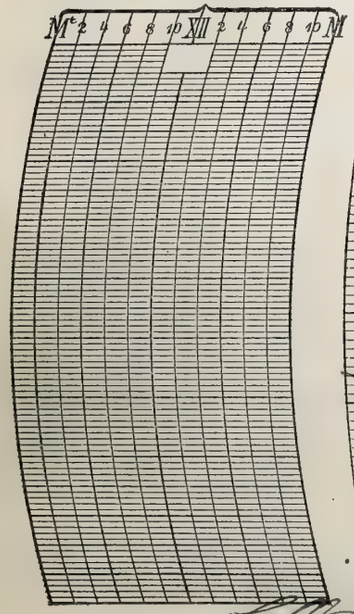
Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

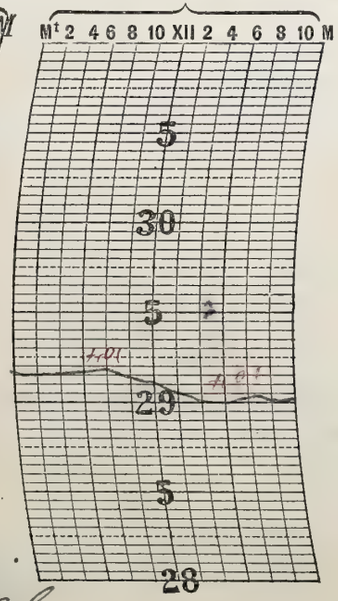
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 69.4 Wet temperature, 57.0
Dew-point, 32 R. humidity, 35 V. pressure, .180
Clouds: Amount, 0; Kind, 0; Direction, 0
Velocity of clouds (miles per hour)

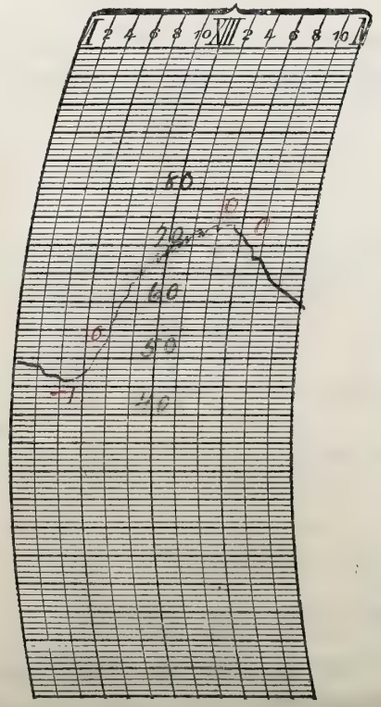
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

A balmy spring day with an abundance of sunshine

Prepared by

Verified by

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Monday, (Date) MAY 10 1920, 192

Time (local standard). 90° mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	58	57	57	56	55	58	60	63	70	75	76	77	76	77	76	76	76	74	72	70	68	66	65	64
State of weather. Nature of precipitation and time of beginning and ending							RB 6:39	RE 7:10																
Amounts of precipitation							T	T																
Cloudiness and other conditions	? — Cloudy												Pt Cloudy											?

Sunrise: Time, 4:28 Character, Clear

Moonrise: —

Sunset: Time, 6:46 Character, Cloudy

Moonset: 10:44a

	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Sunshine (in tenths of hours)					.53 0	0.6 0.4	0.2	0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.4	0					
Wind direction	SW	SW	SW	SW	SW	SW	SW	SW	SW	W	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW
Wind movement	8	10	10	10	11	9	10	8	9	13	19	19	19	18	18	20	16	11	9	8	9	9	10	6
Maximum velocities (exceeding 19 miles) direction and time																								

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
78	55	66	✓

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow, sleet, and hail on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., T ins.; to 7 p. m., T ins.

Total precipitation, midnight to midnight, T inches.

Character of day, Pt Cloudy Moon phase, L.Q. 11:51 pm

Average daily cloudiness (0-10), 7

Actual sunshine, hours, 11.1 Possible sunshine, hours, 14.3

Per cent of possible sunshine, 78

Prevailing wind direction, SW Total wind 280

Average hourly velocity, 12.0 Extreme velocity, 25

Maximum velocity, 34 Direction, SW

Time began, 11:14am

Reduced barometer, 29.99 7 a. m. 29.96 7 p. m.

River gage, 3.7 Ft.

Relative humidity, 48 7 a. m. 35 7 p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

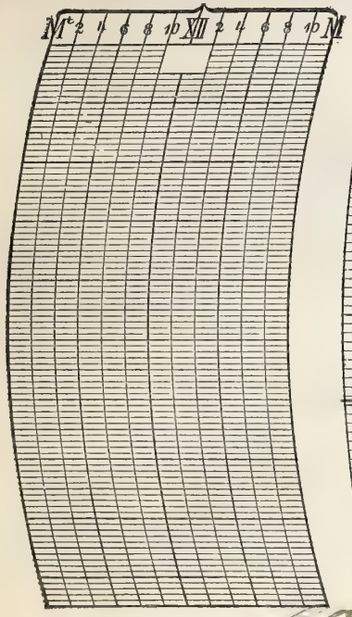
Dry temperature, 76.0 Wet temperature, 57.0

Dew-point, 41 R. humidity, 29 V. pressure, .256

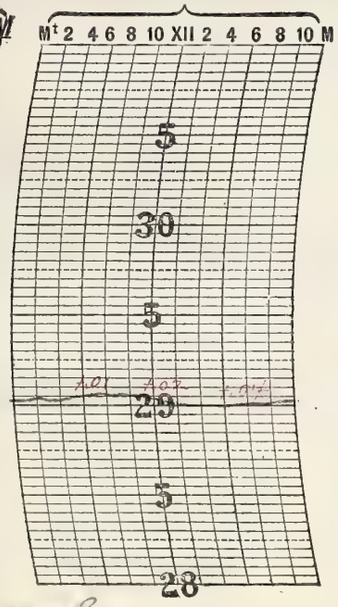
Clouds: Amount, 5; Kind, Cu.; Direction, SW.

Velocity of clouds (miles per hour)

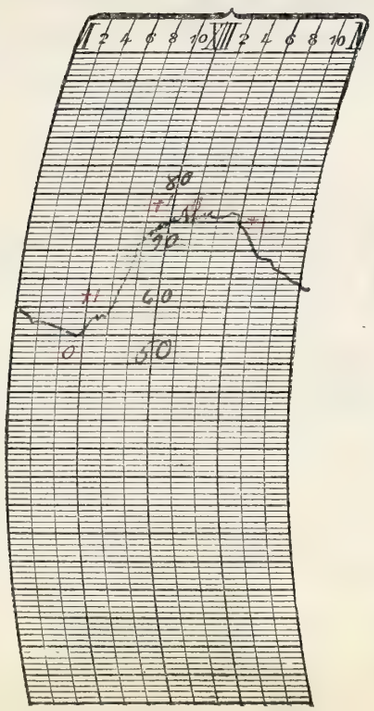
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

Special 2:00pm 75th Meridian Time observation called for by Central Office

Prepared by [illegible]

Verified by P. McDonough

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Tuesday, (Date) [illegible], 192

Time (local standard). 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	55	53	54	54	52	51	50	52	52	49	48	48
State of weather: Nature of precipitation and time of beginning and ending				RB DNA								
Amounts of precipitation				.01	.14	.12	.05	.19	.05	.03	.07	.01
Cloudiness and other conditions	?				Cloudy							
Sunrise: Time, Character,	4:27 Cloudy											
Moonrise:	12:26a											
Sunshine (in tenths of hours)					0	0	0	0	0	0	0	0
Wind direction	SW	E	E	E	E	E	E	E	E	NE	NE	NE
Wind movement	4	5	3	2	2	6	6	6	6	10	13	14

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	49	49	50	51	50	49	47	46	46	46	46	46
State of weather: Nature of precipitation and time of beginning and ending				RE 3:30								
Amounts of precipitation	.01	T	T	T								
Cloudiness and other conditions					Cloudy							
Sunset: Time, Character,									6:47 Cloudy			
Moonset:									11:43p			
Sunshine (in tenths of hours)	0	0	0	0	0	0	0					
Wind direction	NE	NE	NE	NE	NE	NE	NE	NE	NE	E	NE	E
Wind movement	13	12	15	16	17	14	13	14	12	13	12	12

Maximum velocities (exceeding 29 miles) direction and time.

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
64	46	55	

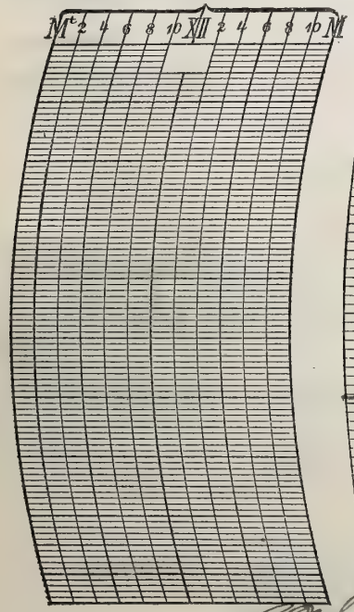
Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., .22 ins.; to 7 p. m., .36 ins.
Total precipitation, midnight to midnight, .68 inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0-10), 10
Actual sunshine, hours, 0 Possible sunshine, hours, 14.3
Per cent of possible sunshine, 0
Prevailing wind direction, NE Total wind 340
Average hourly velocity, 10.0 Extreme velocity, 24
Maximum velocity, 22 Direction, NE
Time began, 4:33pm
Reduced barometer, 29.96 7 a. m. 30.07 7 p. m.
River gage, 3.6 Ft.
Relative humidity, 96 7 a. m. 89 7 p. m.

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

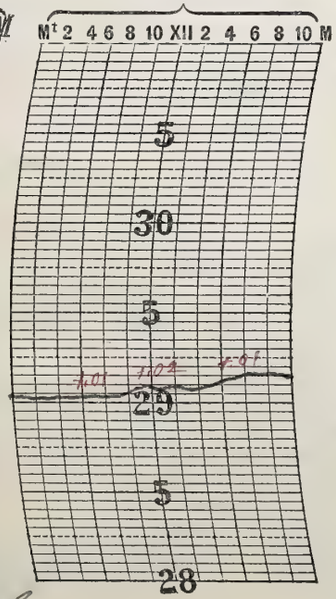
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 48.2 Wet temperature, 47.2
Dew-point, 46 R. humidity, 93 V. pressure, .310
Clouds: Amount, 10; Kind, St; Direction, E
Velocity of clouds (miles per hour)

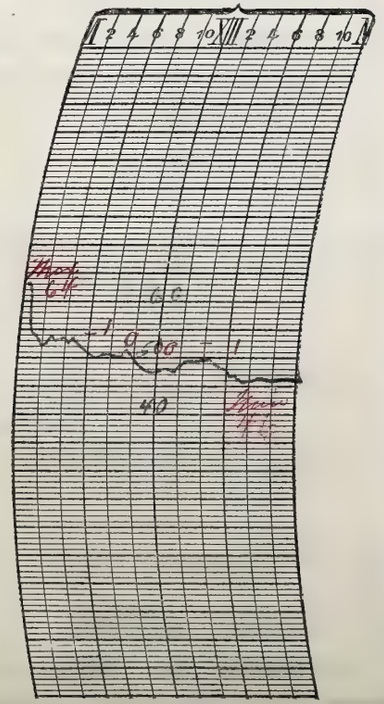
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

Special 2:00pm, 75th Meridian Time, observation ordered by Central Office.

A dull and gloomy day without any sunshine and rain which lasted through the greater portion of the daylight hours.

Prepared by [illegible]
Verified by J. McDonough

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Wednesday, (Date) MAY 12 1926, 192

Time (local standard) 90 mer. normal time.

	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	46	45	45	45	45	45	46	47	48	50	50	50
State of weather: Nature of precipitation and time of beginning and ending												A 13 1102
Amounts of precipitation												T
Cloudiness and other conditions	Cloudy											
Sunrise: Time, Character,	4:26 Cloudy											
Moonrise:	12:56a											
Sunshine (in tenths of hours)					0	0	0	0	0	0	0	0
Wind direction	E	E	NE	NE	NE	NE	E	E	E	NE	E	E
Wind movement	11	11	12	14	13	14	13	12	15	16	14	16
Maximum velocities (exceeding 29 miles) direction and time												

	P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	51	49	47	45	46	45	45	45	45	45	45	46
State of weather: Nature of precipitation and time of beginning and ending											RE DNP	
Amounts of precipitation	.01	.03	.05	.04	.03	.05	.05	.01	.02	T	T	
Cloudiness and other conditions	Cloudy											
Sunset: Time, Character,	6:49 Cloudy											
Moonset:	12:45p											
Sunshine (in tenths of hours)	0	0	0	0	0	0	0					
Wind direction	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE
Wind movement	20	18	18	26 30 NE 3:30	18	19	18	11	9	12	16	17
Maximum velocities (exceeding 29 miles) direction and time												

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

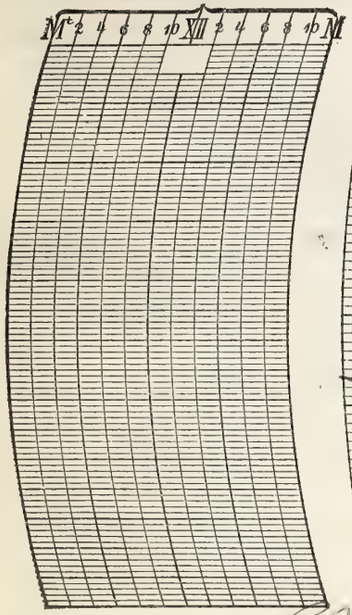
Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
51	44	48	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., .25 ins.
Total precipitation, midnight to midnight, .29 inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0-10), 10
Actual sunshine, hours, 0 Possible sunshine, hours, 14.4
Per cent of possible sunshine, 0
Prevailing wind direction, NE Total wind 363
Average hourly velocity, 15.1 Extreme velocity, 34
Maximum velocity, 30 Direction, NE
Time began, 3:33 pm
Reduced barometer, 30.06 7 a. m. 29.88 7 p. m.
River gage, 3.7 ft.
Relative humidity, 82 7 a. m. 86 7 p. m.

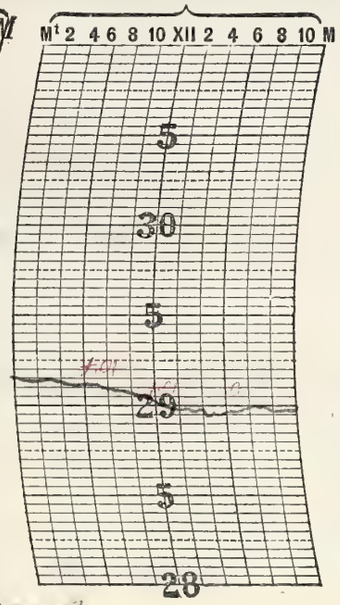
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 50.3 Wet temperature, 45.0
Dew-point, 40 R. humidity, 66 V. pressure, .247
Clouds: Amount, 10; Kind, Nb; Direction, E
Velocity of clouds (miles per hour)

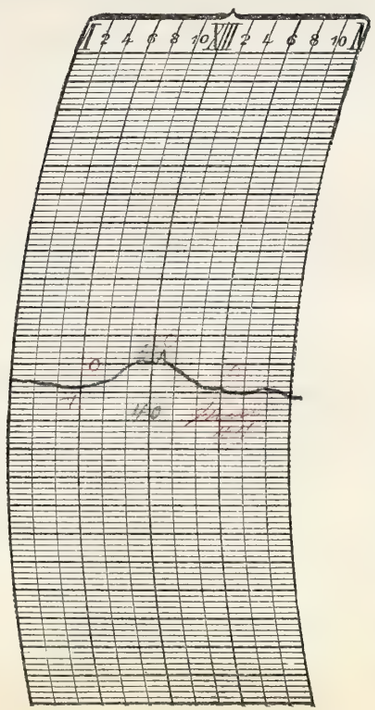
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

Cloudy and cold day with rain.

Prepared by C. O. S.
Verified by P. McDonough

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Thursday, (Date) MAR 11 1920, 192

Time (local standard) 90° mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	43	43	42	41	43	42	43	45	50	51	53	54
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions	?				Pt. Cloudy							
Sunrise: Time, Character,	4:25 Cloudy											
Moonrise:	12:00											
Sunshine (in tenths of hours)					0	0.5	0.7	1.0	1.0	1.0	1.0	1.0
Wind direction	N	N	N	N	N	N	NE	N	N	NE	NE	N
Wind movement	12	13	10	10	13	12	16	17	17	20	19	[illegible]
Maximum velocities (exceeding 29 miles) direction and time												

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	54	53	53	51	50	49	48	45	44	42	40	38
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions					Pt. Cloudy							?
Sunset: Time, Character,									6:50 Cloudy			
Moonset:									1:50 p			
Sunshine (in tenths of hours)	1.0	1.0	1.0	1.0	0.7	1.0	0.1					
Wind direction	N	N	N	N	N	N	N	N	N	N	N	N
Wind movement	15	18	14	16	15	15	11	10	9	9	7	5
Maximum velocities (exceeding 29 miles) direction and time												

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
55	38	46	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., .04 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Pt. Cloudy Moon phase,
Average daily cloudiness (0-10), 7
Actual sunshine, hours, 13.0 Possible sunshine, hours, 14.4
Per cent of possible sunshine, 83
Prevailing wind direction, N Total wind 314
Average hourly velocity, 13.1 Extreme velocity, 28
Maximum velocity, 25 Direction, NE
Time began, 9:39 a.m.
Reduced barometer, 30.01 7 a. m. 30.16 7 p. m.
River gage, 4.2 Ft.
Relative humidity, 70 7 a. m. 45 7 p. m.

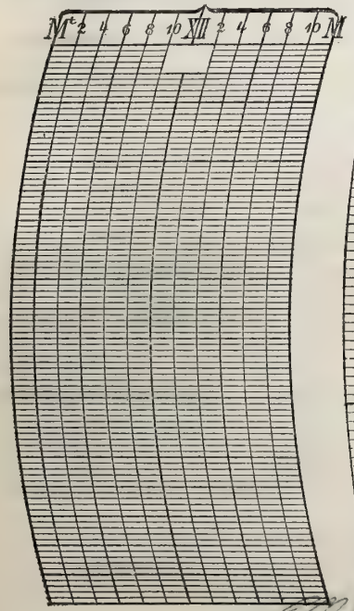
Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

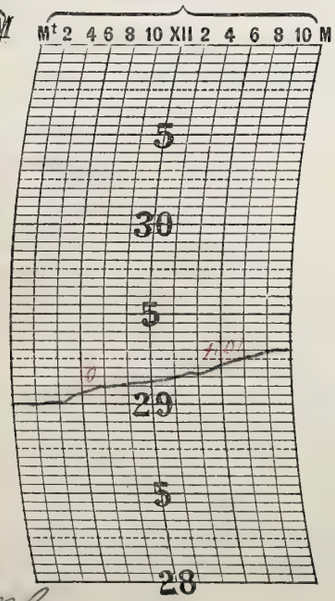
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 53.2 Wet temperature, 42.0
Dew-point, 27 R. humidity, 36 V. pressure, .143
Clouds: Amount, 4; Kind, Cu; Direction, NE
Velocity of clouds (miles per hour)

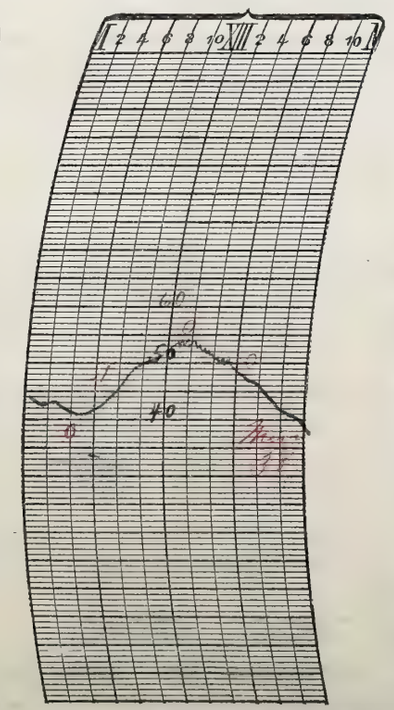
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

The day was cool and partly cloudy though there was considerable sunshine through broken clouds. A sharp wind from the northeast and north blew throughout the day.

Prepared by [illegible]
Verified by F. McDonough

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne Ind., (Day of week) Friday, (Date) MAY 14 1920, 192

Time (local standard) 90° mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	38	36	36	35	36	38	39	44	47	48	50	51
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions	?				Clear							
Sunshine (in tenths of hours)					.60 0	.0.2 0.8	1.0	1.0	1.0	1.0	1.0	1.0
Wind direction	N	N	N	N	N	N	N	N	N	N	N	NW
Wind movement	4	6	7	7	8	6	6	6	10	12	12	13

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	53	53	54	54	53	52	50	46	44	44	42	40
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions						Clear						
Sunshine (in tenths of hours)	1.0	1.0	1.0	1.0	0.6	0.6	.65 0.2					
Wind direction	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW
Wind movement	11	12	11	11	10	12	12	9	7	6	5	5

Sunrise: Time, 4:24; Character, Clear. Moonrise: 1:58a

Sunset: Time, 6:51; Character, Clear. Moonset: 2:56p

Maximum velocities (exceeding 29 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

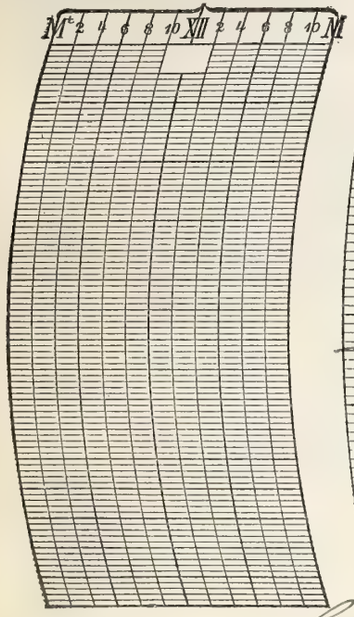
Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
55	35	45	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Clear Moon phase,
Average daily cloudiness (0-10), 1
Actual sunshine, hours, 13.6 Possible sunshine, hours, 14.4
Per cent of possible sunshine, 94
Prevailing wind direction, NW. Total wind 208
Average hourly velocity, 8.7 Extreme velocity, 18
Maximum velocity, 17 Direction, NW.
Time began, 10:00 am.
Reduced barometer, 30.36 7 a. m. 30.35 7 p. m.
River gage, 6.7 ft.
Relative humidity, 65 7 a. m. 39 7 p. m.

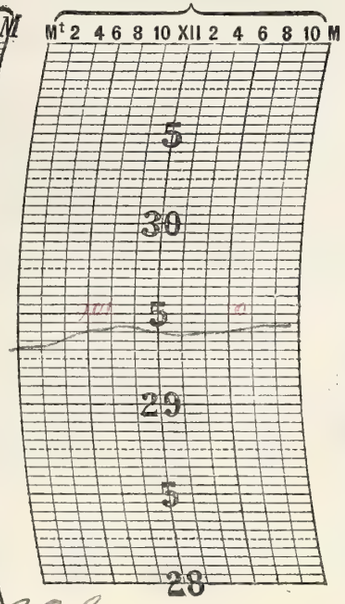
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 49.9 Wet temperature, 40.4
Dew-point, 28 R. humidity, 43 V. pressure, 150
Clouds: Amount, 2; Kind, Cu.; Direction, NW.
Velocity of clouds (miles per hour)

THERMOGRAPH.



BAROGRAPH.



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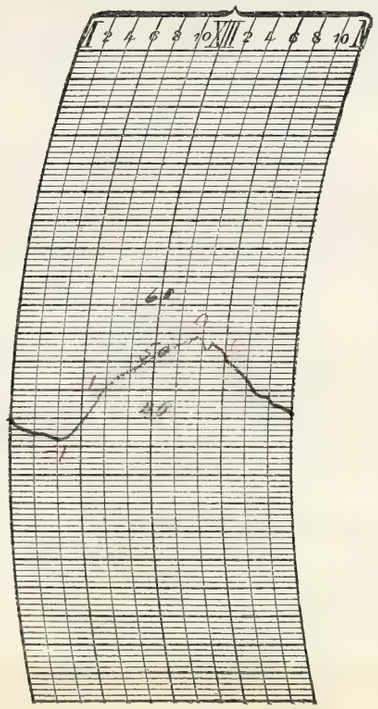


NOTES.

Light frost was observed this morning; no damage.
A clear, cool day with an abundance of sunshine.

Prepared by CAS
Verified by P. McDonough

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Wayne, Ind., (Day of week) Saturday, (Date) MAY 15 1921, 192

Time (local standard). 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	39	38	38	38	37	38	41	46	48	50	52	53
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions	Clear											
Sunshine (in tenths of hours)					.62 0	0.3 0.7	1.0	1.0	1.0	1.0	1.0	1.0
Wind direction	NW	NW	NW	NW	NW	NW	NE	NE	NE	E	E	NE
Wind movement	4	5	5	3	4	4	7	9	11	10	10	11

Sunrise: Time, 4:23 Character, Clear. Moonrise: 2:31a

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	54	55	57	57	56	56	54	51	50	47	45	46
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions							Pt Cloudy					?
Sunshine (in tenths of hours)	1.0	1.0	1.0	1.0	1.0	1.0	0.1					
Wind direction	NE	NE	E	E	NE	E	E	E	E	E	E	E
Wind movement	12	11	8	10	9	10	8	7	9	6	6	4

Sunset: Time, 6:52 Character, Cloudy. Moonset: 4:05p

Maximum velocities (exceeding 29 miles) direction and time.

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
57	37	47	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Clear Moon phase,
Average daily cloudiness (0-10), 1
Actual sunshine, hours, 13.7 Possible sunshine, hours, 14.5
Per cent of possible sunshine, 94
Prevailing wind direction, E Total wind 183
Average hourly velocity, 7.6 Extreme velocity, 15
Maximum velocity, 14 Direction, NE
Time began, 11:30 am.
Reduced barometer, 30.46 7 a. m. 30.44 7 p. m.
River gage, 5.7 Ft.
Relative humidity, 62 7 a. m. 33 7 p. m.

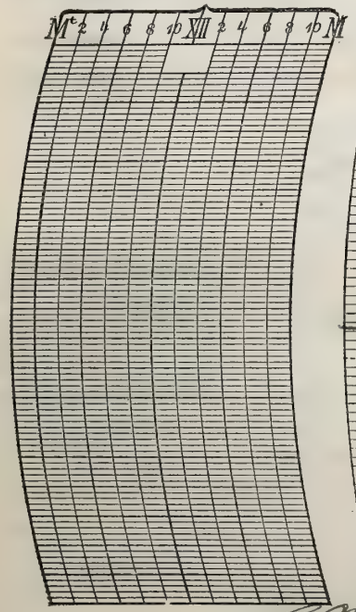
Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

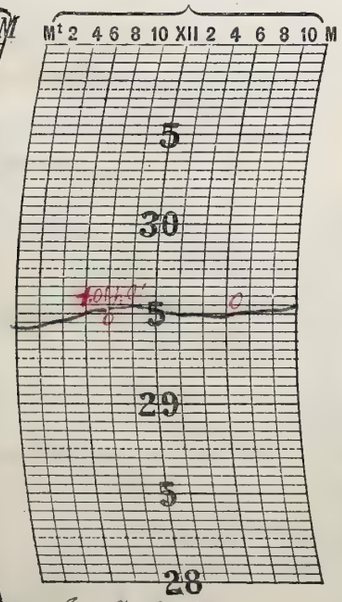
OBSERVATIONS AT 12 NOON. (Local Mean Time.)

Dry temperature, 53.0 Wet temperature, 46.0
Dew-point, 24 R. humidity, 32 V. pressure, .124
Clouds: Amount, 0; Kind, 0; Direction, 0
Velocity of clouds (miles per hour)

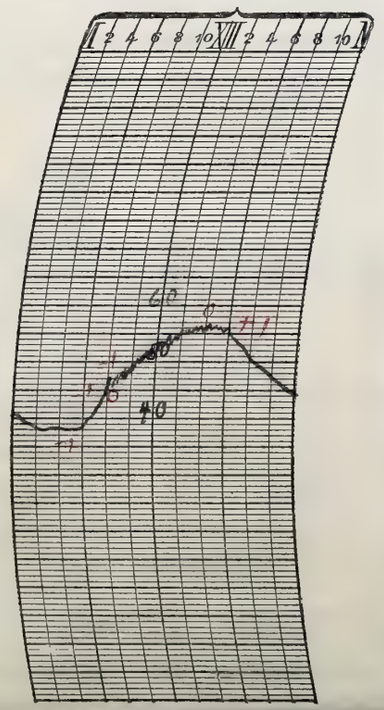
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

Heavy frost was observed this morning, no damage.

Prepared by CCS 0.0.9

Verified by P. McDonough

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind, (Day of week) Sunday, (Date) MAY 1 6 1921, 192

Time (local standard). 90° mer. normal time.

	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	43	41	41	38	38	40	45	49	53	55	57	59	62	64	64	65	66	64	63	60	56	54	53	52
State of weather: Nature of precipitation and time of beginning and ending																								RB DNP RE DNP
Amounts of precipitation																								T
Cloudiness and other conditions	?	—	—	—	Clear	—	—	—	—	—	—	→	Pt. Cloudy	—	—	—	—	→	—	Cloudy	—	—	—	→
Sunrise: Time, Character,	4:22 Clear																							
Moonrise:	3:08a																							
Sunset: Time, Character,																					6:52 Cloudy			
Moonset:																					5:16p			
Sunshine (in tenths of hours)					.63 0	0.3 0.7	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.8	0.3	0					
Wind direction	E	E	E	E	E	E	E	E	E	E	E	E	SE	E	SE	SE	SE	E	SE	E	E	E	E	E
Wind movement	6	6	3	5	6	7	6	10	11	11	12	12	11	12	10	11	8	8	6	8	15	12	11	9
Maximum velocities (exceeding 27 miles) direction and time																								

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
66	38	52	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow, sleet, and hail on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, T inches.

Character of day, Pt. Cloudy Moon phase,

Average daily cloudiness (0–10), 4

Actual sunshine, hours, 12.7 Possible sunshine, hours, 14.5

Per cent of possible sunshine, 88

Prevailing wind direction, E Total wind 216

Average hourly velocity, 9.0 Extreme velocity, 17

Maximum velocity, 16 Direction, E

Time began, 8:07 pm

Reduced barometer, 30.50 7 a. m. 30.30 7 p. m.

River gage, 5.0 Ft.

Relative humidity, 52 7 a. m. 30 7 p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

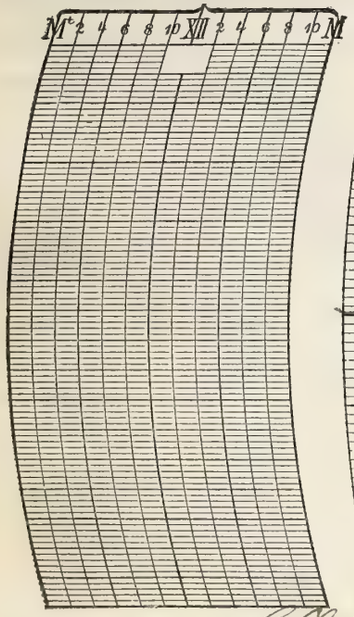
Dry temperature, 60.0 Wet temperature, 46.0

Dew-point, 29 R. humidity, 31 V. pressure, .157

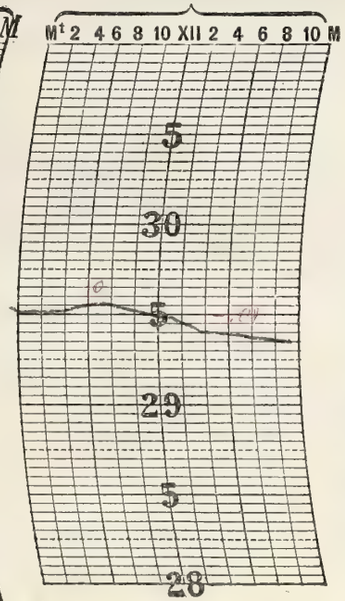
Clouds: Amount, 9 6.5+; Kind, St; Direction, E

Velocity of clouds (miles per hour)

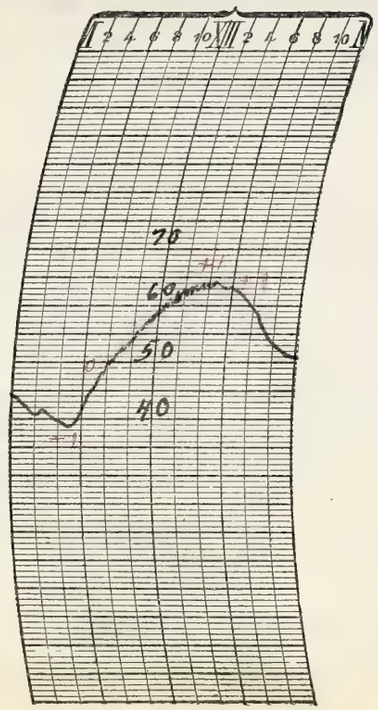
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

Light frost was observed this morning but caused no damage. A partly cloudy day with an abundance of sunshine and moderate temperatures making it very pleasant outdoors.

Prepared by C.C.S.

Verified by T. McDonough

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Monday, (Date) MAY 1 1911, 192

Time (local standard). 90" mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	50	50	50	50	49	49	50	52	54	54	54	56
State of weather. Nature of precipitation and time of beginning and ending				RB DNA								
Amounts of precipitation				.01	.03	.07	.07	.06	.04	.06	.11	.11
Cloudiness and other conditions	Cloudy											
Sunrise: Time, Character,	4:21 Cloudy											
Moonrise:	3:51a											
Sunshine (in tenths of hours)					0	0	0	0	0	0	0	0
Wind direction	E	E	E	E	E	E	SE	SE	SE	S	S	S
Wind movement	8	6	7	8	5	5	5	6	9	10	14	15

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	54	54	54	55	54	54	54	54	54	54	53	53
State of weather. Nature of precipitation and time of beginning and ending												
Amounts of precipitation	.02	.04	.05	.03	.02	.01	T	.01	.02	.01	T	T
Cloudiness and other conditions	Cloudy											
Sunset: Time, Character,									6:53 Cloudy			
Moonset:									6:28p			
Sunshine (in tenths of hours)	0	0	0	0	0	0	0					
Wind direction	S	S	S	S	S	S	S	S	S	S	S	S
Wind movement	19	19	16	15	13	12	13	12	11	13	13	10

Maximum velocities (exceeding 29 miles) direction and time

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
56	49	52	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow, sleet, and hail on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., .12 ins.; to 7 p. m., .56 ins.

Total precipitation, midnight to midnight, .77 inches.

Character of day, Cloudy Moon phase,

Average daily cloudiness (0-10), 10

Actual sunshine, hours, 0 Possible sunshine, hours, 14.5

Per cent of possible sunshine, 0

Prevailing wind direction, S Total wind 364

Average hourly velocity, 11.0 Extreme velocity, 29

Maximum velocity, 27 Direction, S

Time began, 12:07pm

Reduced barometer, 30.20 7 a. m. 30.08 7 p. m.

River gage, 4.1 Ft.

Relative humidity, 90 7 a. m. 87 7 p. m.

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

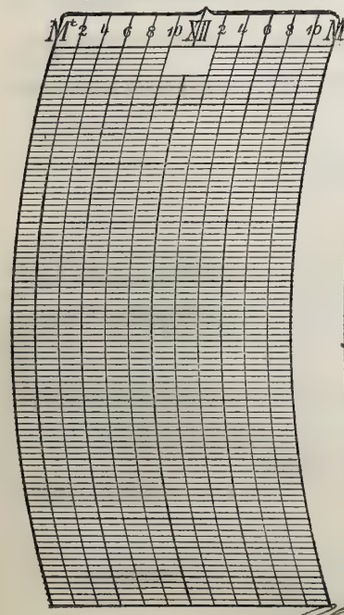
Dry temperature, 56.1 Wet temperature, 54.6

Dew-point, 53 R. humidity, 91 V. pressure, .402

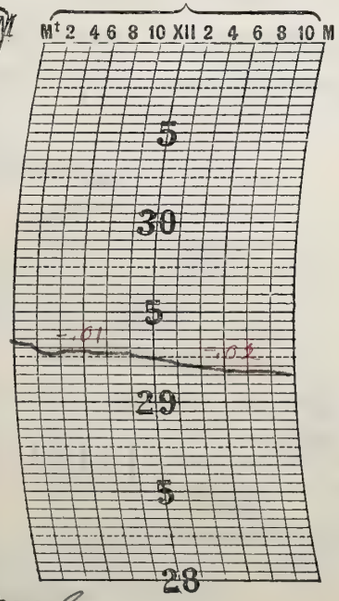
Clouds: Amount, 10; Kind, Nb; Direction, SW

Velocity of clouds (miles per hour)

THERMOGRAPH.



BAROGRAPH.



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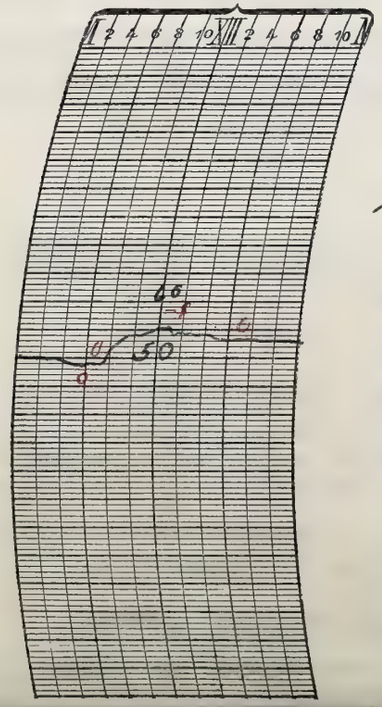


NOTES.

A cloudy and disagreeable day with rain throughout the major portion of the twenty-four hours.

Prepared by

Verified by

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Tuesday, (Date) MAY 1 1920, 192

Time (local standard) 90th mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	53	54	54	55	55	55	55	56	57	58	59	63
State of weather: Nature of precipitation and time of beginning and ending											RE 10:40	
Amounts of precipitation	.01	T	T	T	T	T	.06	.01	T	T	T	
Cloudiness and other conditions	Cloudy											
Sunshine (in tenths of hours)					0	0	0	0	0	0	0	10
Wind direction	S	S	S	SW	S	S	S	S	S	S	S	SW
Wind movement	9	8	8	6	6	4	4	5	5	7	9	7

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	64	65	65	64	64	64	63	62	61	60	58	57
Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions	Cloudy											
Sunshine (in tenths of hours)	0.7	0	0.3	0	0	0	0					
Wind direction	SW	SW	SW	SW	SW	SW	S	SE	SE	S	S	S
Wind movement	7	7	8	7	6	5	4	5	6	7	8	9

Sunrise: Time, 4:20 Character, Cloudy. Moonrise: 4:41a

Sunset: Time, 6:54 Character, Cloudy. Moonset: 7:38p

Maximum velocities (exceeding 29 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
66	53	60	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow, sleet, and hail on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., .08 ins.; to 7 p. m., .04 ins.

Total precipitation, midnight to midnight, .08 inches.

Character of day, Cloudy Moon phase, NEW-12:25am.

Average daily cloudiness (0-10), 9

Actual sunshine, hours, 2.0 Possible sunshine, hours, 14.6

Per cent of possible sunshine, 14

Prevailing wind direction, S Total wind 157

Average hourly velocity, 6.5 Extreme velocity, 11

Maximum velocity, 11 Direction, S

Time began, 12:10 am.

Reduced barometer, 30.06 7 a. m. 29.92 7 p. m.

River gage, 5.1 Ft.

Relative humidity, 97 7 a. m. 70 7 p. m.

OBSERVATIONS AT 12 NOON. (Local Mean Time.)

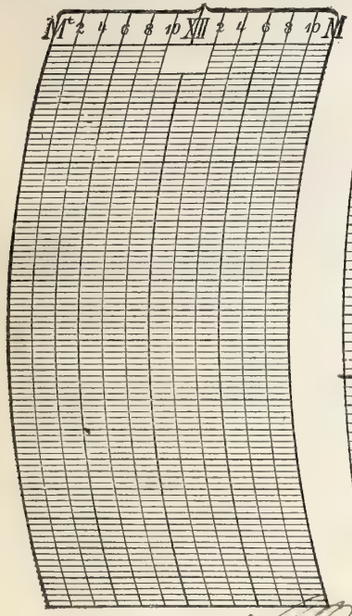
Dry temperature, 64.0 Wet temperature, 60.0

Dew-point, 58 R. humidity, 79 V. pressure, .482

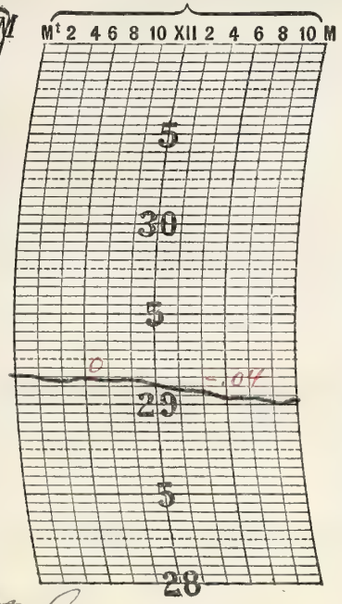
Clouds: Amount, 9; Kind, StCu; Direction, SW

Velocity of clouds (miles per hour)

THERMOGRAPH.



BAROGRAPH.



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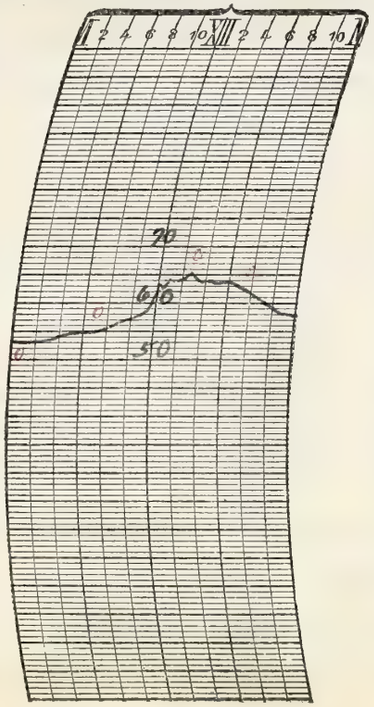


NOTES.

The rain which commenced on the seventeenth ended at 10:40 am., this date. It has been reported that this rain has been of wonderful benefit to the wheat crop, even though it causes a delay in planting.

Prepared by E. C. S.

Verified by P. McDonough

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Wednesday, (Date) MAY 11 1910, 192

Time (local standard). 90° mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	57	58	58	58	60	60	60	62	63	64	62	63
State of weather: Nature of precipitation and time of beginning and ending							RB 654	RE 800			RB 1028	RE 11:20
Amounts of precipitation							T	T			.01	.03
Cloudiness and other conditions	Cloudy											
Sunrise: Time, Character,	4:19 Cloudy											
Moonrise:	5:39a											
Sunshine (in tenths of hours)					0	0	0	0	0	0	0	0
Wind direction	S	S	S	S	S	S	S	S	S	SW	SW	SW
Wind movement	9	10	9	8	10	10	11	12	12	14	12	12

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	68	69	72	74	73	72	70	69	68	66	64	64
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions						Pt Cloudy						
Sunset: Time, Character,									6:55 Cloudy			
Moonset:									8:42p			
Sunshine (in tenths of hours)	1.0	1.0	1.0	0.2	0	0	0					
Wind direction	SW	W	W	W	NW	NW	NW	NW	NW	SE	S	S
Wind movement	13	11	9	7	10	7	3	2	1	2	5	6

Maximum velocities (exceeding 29 miles) direction and time.

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

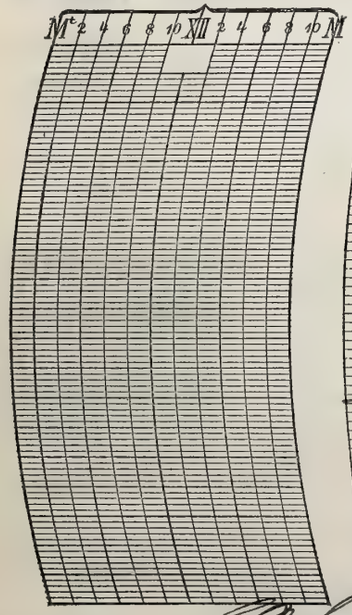
Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
74	57	66	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., .04 ins.
Total precipitation, midnight to midnight, .04 inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0-10), 8
Actual sunshine, hours, 3.2 Possible sunshine, hours, 14.6
Per cent of possible sunshine, 22
Prevailing wind direction, S Total wind 205
Average hourly velocity, 8.5 Extreme velocity, 19
Maximum velocity, 19 Direction, SW
Time began, 9:53 am
Reduced barometer, 29.84 7 a. m. 29.83 7 p. m.
River gage, 5.5 Ft.
Relative humidity, 88 7 a. m. 37 7 p. m.

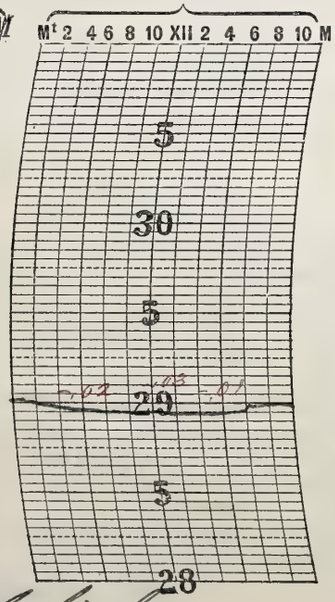
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 63.0 Wet temperature, 61.0
Dew-point, 60 R. humidity, 90 V. pressure, .517
Clouds: Amount, 10; Kind, St; Direction, SW
Velocity of clouds (miles per hour)

THERMOGRAPH.



BAROGRAPH.



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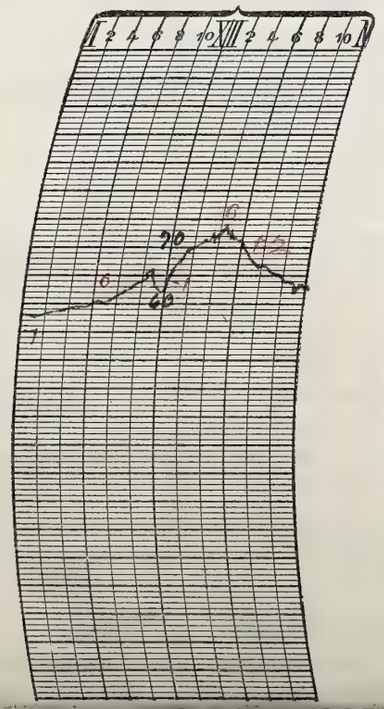


NOTES.

Special one pm (75th Meridian Time) observation called for by Central Office.

Prepared by [illegible]
Verified by [illegible]

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Thursday, (Date) MAY 26 1920, 192

Time (local standard). 90° mer. normal time.

	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	63	60	59	58	58	59	62	66	68	69	70	72
Nature of precipitation and time of beginning and ending											RB 10:52	RE 11:15 RB 11:40
Amounts of precipitation											T	.05
Cloudiness and other conditions	? — Clear							→ Pt Cldy →				
Sunrise: Time, Character,	4:18 Clear											
Moonrise:	6:43a											
Sunshine (in tenths of hours)					.90	1.0	1.0	1.0	0.2			
Wind direction	SW	SW	S	SW	S	S	SW	SW	SW	SW	SW	SW
Wind movement	5	4	6	2	7	7	10	11	12	11	13	13

	P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	69	70	71	69	68	67	65	63	61	60	58	58
Nature of precipitation and time of beginning and ending	RE			RB 3:55	RE							
Amounts of precipitation	.01			.01	.01							
Cloudiness and other conditions	Cloudy								→ Pt Cloudy - ?			
Sunset: Time, Character,									6:56 Cloudy			
Moonset:									9:38p			
Sunshine (in tenths of hours)	0.1	0	0.3	0	0.5	0	0					
Wind direction	N	N	N	N	NW	NW	NW	NW	NW	N	N	NW
Wind movement	8	10	12	13	8	10	10	4	7	7	5	4

Maximum velocities (exceeding 29 miles) direction and time.

Excessive precipitation, accumulated amounts

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

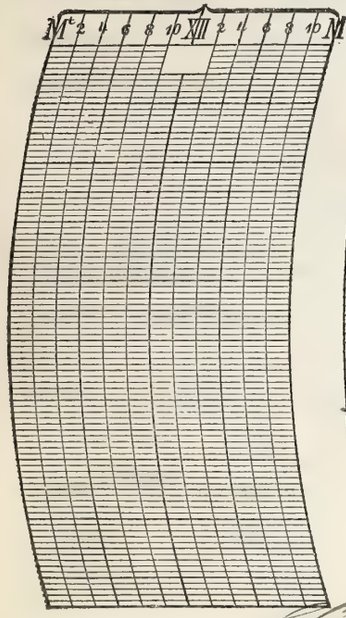
Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
71	57	64	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., .08 ins.
Total precipitation, midnight to midnight, .08 inches.
Character of day, Pt Cloudy Moon phase,
Average daily cloudiness (0-10), 7
Actual sunshine, hours, 4.8 Possible sunshine, hours, 14.6
Per cent of possible sunshine, 33
Prevailing wind direction, SW Total wind 199
Average hourly velocity, 8.3 Extreme velocity, 18
Maximum velocity, 16 Direction, SW
Time began, 8:55 am
Reduced barometer, 29.89 7 a. m. 29.89 7 p. m.
River gage, 3.2 Ft.
Relative humidity, 81 7 a. m. 73 7 p. m.

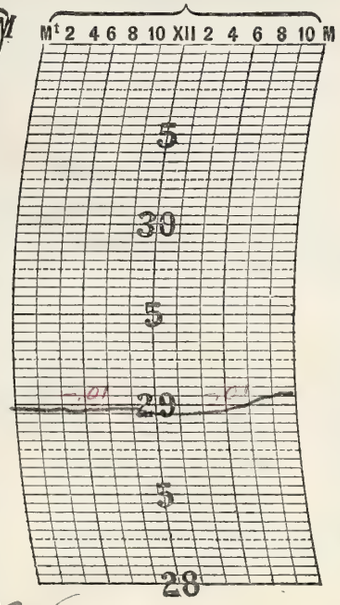
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 71.0 Wet temperature, 63.5
Dew-point, 59 R. humidity, 67 V. pressure, .499
Clouds: Amount, 10; Kind, St; Direction, N.
Velocity of clouds (miles per hour)

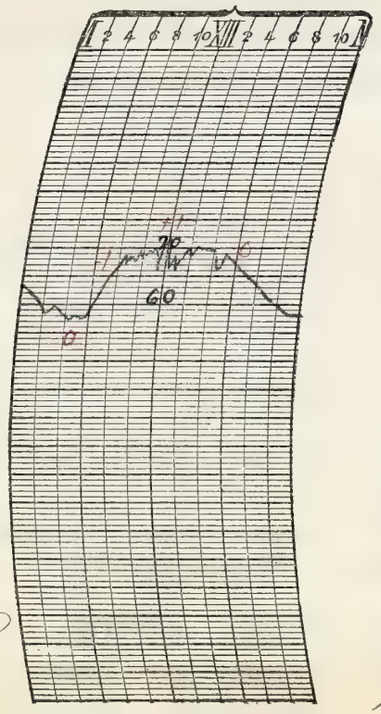
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



Prepared by C. E. S.
Verified by P. McDonough

8—486

NOTES.

Eye observation

The day was warm, partly cloudy and fair except for a few showers which occurred during the daylight hours. Thunder was heard during the progress of two of the showers. In the first storm the first thunder was heard at 11:55 am; and the last at 12:05 pm. In the other storm first thunder was heard at 4:02 pm. and the last was heard at 4:06 pm. The precipitation in both cases was light and the direction of travel of both storms was from west to east. These were the first thunderstorms for the present month of May.

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Friday, (Date) [illegible], 192

Time (local standard) 90° mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	56	56	55	54	54	55	60	63	66	68	69	71
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions	?			Clear						×	Pt. Cloudy	
Sunshine (in tenths of hours)					.70 0	0.5 0.5	1.0	1.0	1.0	1.0	1.0	1.0
Wind direction	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	W
Wind movement	3	4	5	3	4	2	4	5	5	6	8	8

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	71	73	74	74	74	74	72	70	67	65	61	64
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions		×				Clear						
Sunshine (in tenths of hours)	1.0	1.0	1.0	1.0	1.0	1.0	.95 0					
Wind direction	W	W	W	W	W	W	W	W	W	W	N	NE
Wind movement	7	9	10	9	8	9	5	5	4	3	2	2

Sunrise: Time, 4:18; Character, Clear. Moonrise: 7:51a

Sunset: Time, 6:57; Character, Clear. Moonset: 10:27p

Maximum velocities (exceeding 29 miles) direction and time

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

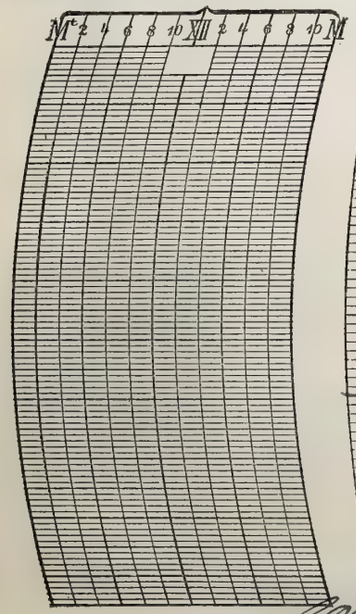
Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
75	54	64	✓

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Clear. Moon phase,
Average daily cloudiness (0-10), 2
Actual sunshine, hours, 14.6 Possible sunshine, hours, 14.6
Per cent of possible sunshine, 100
Prevailing wind direction, W+NW. Total wind 130
Average hourly velocity, 5.4 Extreme velocity, 12
Maximum velocity, 12 Direction, W
Time began, 12:25 pm.
Reduced barometer, 30.05 7 a. m. 30.04 7 p. m.
River gage, 5.6 Ft.
Relative humidity, 67 7 a. m. 36 7 p. m.

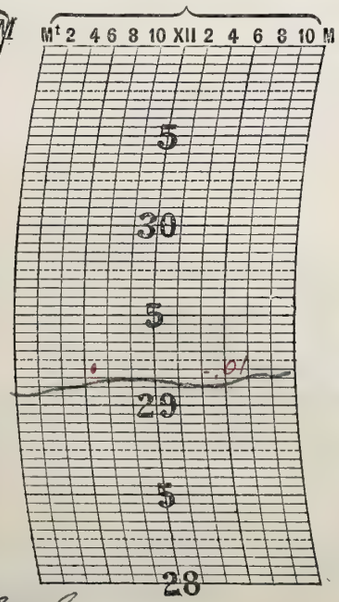
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 73.4 Wet temperature, 55.8
Dew-point, 41 R. humidity, 31 V. pressure, .256
Clouds: Amount, 2; Kind, Cu; Direction, N.W.
Velocity of clouds (miles per hour)

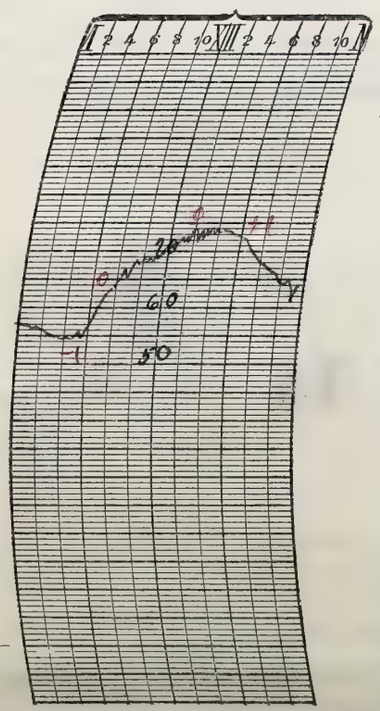
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

A clear warm and very pleasant day with an abundance of sunshine.

Prepared by [illegible]
Verified by [illegible]

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Saturday, (Date) MAY 22 1920, 192

Time (local standard). 90th mer. normal time.

	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	61	59	57	56	59	57	64	69	73	75	78	77	77	77	76	76	74	73	72	70	68	67	67	65
State of weather. Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions	← Clear										× Hcldy		→ Cloudy						→ Pt Cloudy					?
Sunrise: Time, Character	4:17 Clear																							
Moonrise	9:01a																							
Sunset: Time, Character																					6:58 Cloudy			
Moonset																					11:18p			
Sunshine (in tenths of hours)					0	0.4	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.7	0.1	0	0	0					
Wind direction	NE	NE	NE	NE	NE	NE	NE	SW	SW	SW	S	S	S	S	SW	S	S	S	S	S	S	S	S	S
Wind movement	2	2	2	2	4	3	5	7	10	9	10	10	9	11	11	11	9	8	7	7	7	7	9	10
Maximum velocities (exceeding 29 miles) direction and time																								

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

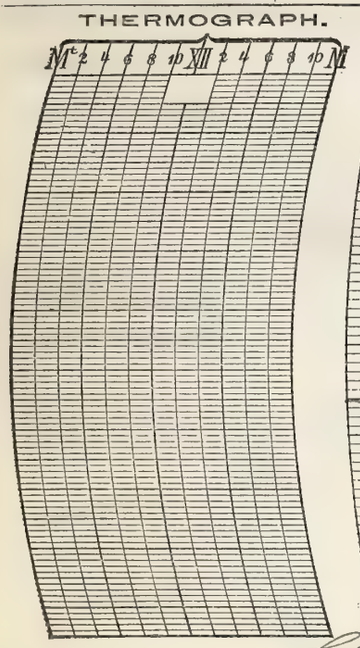
Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
78	56	67	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Pt Cloudy Moon phase,
Average daily cloudiness (0–10), 6
Actual sunshine, hours, 10.5 Possible sunshine, hours, 14.7
Per cent of possible sunshine, 71
Prevailing wind direction, S Total wind 172
Average hourly velocity, 7.2 Extreme velocity, 25
Maximum velocity, 13 Direction, S
Time began, 2:31 pm
Reduced barometer, 30.06 7 a. m. 30.02 7 p. m.
River gage, 6.0 ft.
Relative humidity, 52 7 a. m. 48 7 p. m.

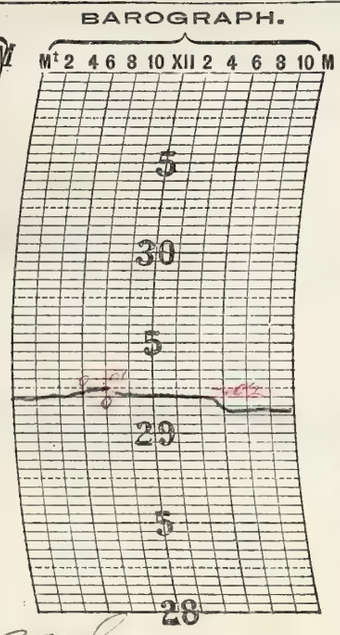
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 77.6 Wet temperature, 57.3
Dew-point, 41 R. humidity, 26 V. pressure, .256
Clouds: Amount, 9; Kind, Ci St; Direction, W
Velocity of clouds (miles per hour)

THERMOGRAPH.



BAROGRAPH.



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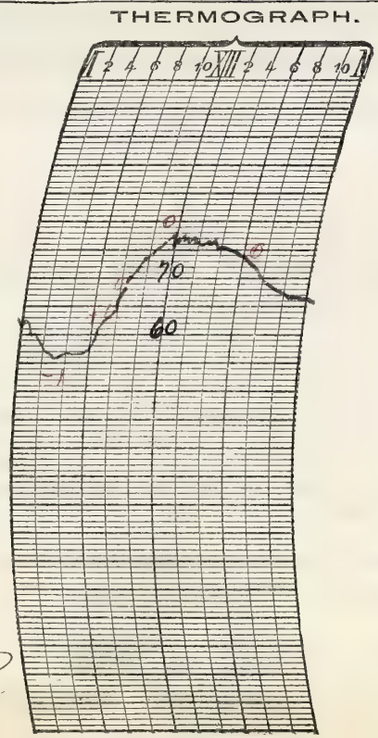


NOTES.

The day opened clear and warm and became partly cloudy about 9:00 am and cloudy shortly before eleven am.

A solar halo of 22° radius was observed at 10:42 am. The arc was 360° in length and the colors were Red, Orange, Yellow, Green and Blue and were rather bright. There were no attendant arcs or tangents. The phenomena became visible with the occurrence of Ci St clouds from the west and disappeared with the thickening or increase in density of the aforementioned clouds.

Prepared by

Verified by J. M. Donough

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Sunday, (Date) MAY 23 1920, 192

Time (local standard). 90th mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	64	63	64	64	63	65	67	70	74	77	77	77	80	80	81	79	75	75	72	70	67	66	65	63
State of weather. Nature of precipitation and time of beginning and ending																			RB 6:10	RE 7:04				
Amounts of precipitation																			.07	T				
Cloudiness and other conditions	?	Cloudy											Cloudy											
Sunrise: Time, Character,	4:16 Cloudy																				Sunset: Time, Character, 6:59 Cloudy			
Moonrise:	10:10a																				Moonset: 11:44p			
Sunshine (in tenths of hours)					0	0.2	0.5	0	0.6	1.0	1.0	1.0	1.0	1.0	0.6	0.3	0.4	0	0					
Wind direction	S	S	S	S	S	S	S	SW	SW	SW	SW	SW	W	SW	SW	SW	W	SW	W	N	NW	NW	NW	NW
Wind movement	9	8	10	10	10	9	11	13	15	17	13	11	10	14	12	14	9	7	8	11	9	7	5	5
Maximum velocities (exceeding 29 miles) direction and time																								

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
81	63	72	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m, 0.6 ins.
Total precipitation, midnight to midnight, 0.7 inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0-10), 8
Actual sunshine, hours, 7.6 Possible sunshine, hours, 14.7
Per cent of possible sunshine, 52
Prevailing wind direction, SW Total wind 247
Average hourly velocity, 10.3 Extreme velocity, 32
Maximum velocity, 19 Direction, SW
Time began, 8:39am
Reduced barometer, 30.00 7 a. m. 29.97 7 p. m.
River gage, 5.2 Feet
Relative humidity, 56 7 a. m. 86 7 p. m.

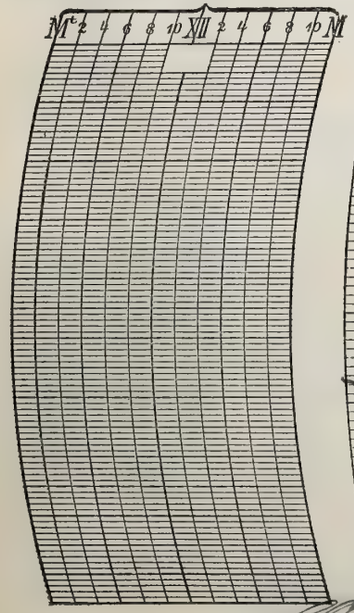
Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

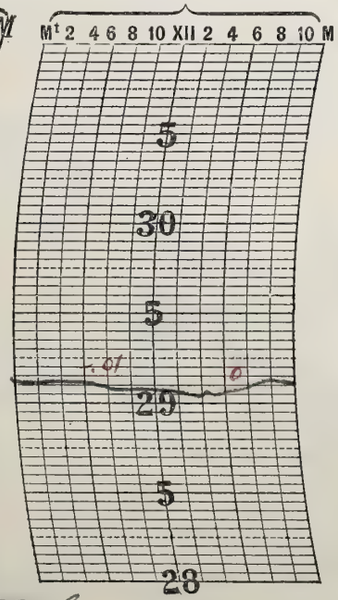
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 78.0 Wet temperature, 66.8
Dew-point, 61 R. humidity, 56 V. pressure, .536
Clouds: Amount, 8; Kind, Strat.; Direction, SW
Velocity of clouds (miles per hour)

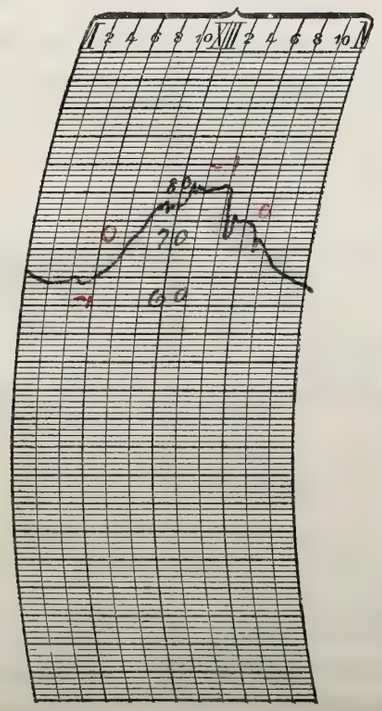
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

The day as a whole was cloudy. It was warm and muggy and the sunshine during the day came through detached clouds. There was a light shower of rain in the evening.

Prepared by [illegible]
Verified by T. McDonough

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Monday, (Date) MAY 21 1900, 192

Time (local standard). 90th mer. normal time.

	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	62	61	61	61	62	61	61	63	63	64	64	65
State of weather. Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions	← Cloudy →											
Sunrise: Time, 4:15 Character, Cloudy												
Moonrise: 11:12a												
Sunshine (in tenths of hours)					0	0	0	0.3	0	0	0	0
Wind direction	NW	NW	N	N	N	NE	NE	NE	NE	NE	NE	NE
Wind movement	6	5	4	3	5	9	10	10	9	9	7	5
Maximum velocities (exceeding 29 miles) direction and time												

	P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	67	70	72	72	71	69	67	67	66	64	62	61
State of weather. Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions	← Pt Cloudy →							Cloudy →				
Sunset: Time, 2:00 Character, Cloudy												
Moonset: —												
Sunshine (in tenths of hours)	0.3	1.0	1.0	0.8	0.2	0.2	0					
Wind direction	N	N	N	N	NE	E	E	E	E	NE	NE	NE
Wind movement	4	4	4	6	8	10	9	8	4	6	9	8

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

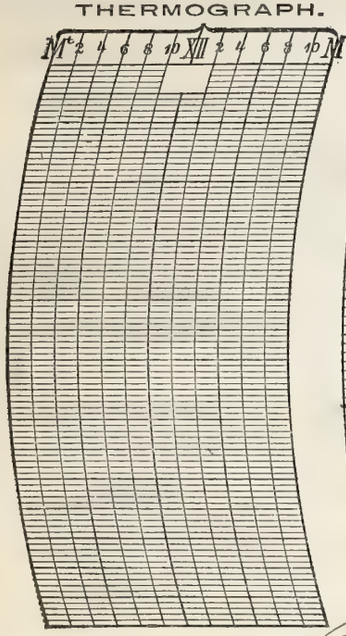
Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
73	60	66	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., .01 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Cloudy Moon phase, F.Q. 3:02p.
Average daily cloudiness (0–10), 9
Actual sunshine, hours, 3.8 Possible sunshine, hours, 14.8
Per cent of possible sunshine, 26
Prevailing wind direction, NE Total wind 162
Average hourly velocity, 6.8 Extreme velocity, 15
Maximum velocity, 15 Direction, N
Time began, 5:25 a.m.
Reduced barometer, 30.05 7 a. m. 29.97 7 p. m.
River gage, 4.7 Feet.
Relative humidity, 86 7 a. m. 74 7 p. m.

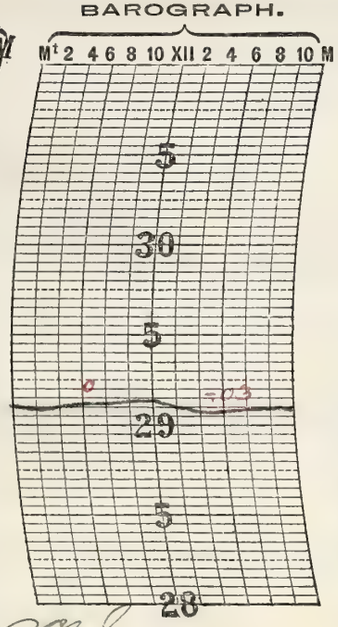
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 64.6 Wet temperature, 60.0
Dew-point, 57 R. humidity, 27 V. pressure, .46
Clouds: Amount, 10; Kind, Stcu; Direction, NE
Velocity of clouds (miles per hour)

THERMOGRAPH.



BAROGRAPH.



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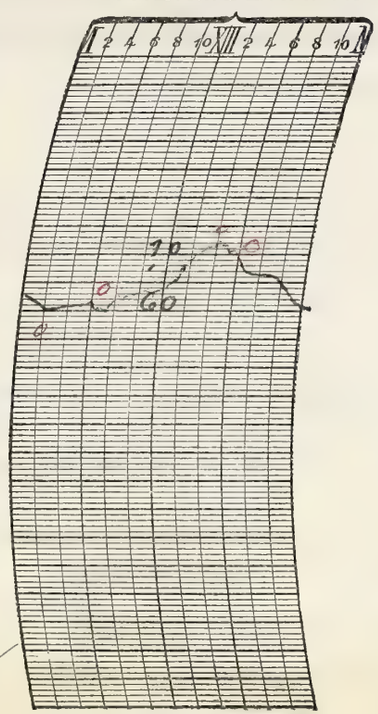


NOTES.

The day as a whole was cloudy and somewhat sultry

Prepared by C. M. S.
Verified by P. McDonough

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Tuesday, (Date) May 25 1921, 192

Time (local standard). 90° mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	61	61	61	61	61	61	61	61	62	68	72	73	74	75	75	74	73	71	69	66	64	61	59	57
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions	← Cloudy								→ Pt. Cloudy				← Clear						→ Clear					
Sunrise: Time, Character,	4:15 Cloudy																							
Moonrise:	10:22p																							
Sunset: Time, Character,																					7:01 Clear			
Moonset:																					12:17a			
Sunshine (in tenths of hours)					0	0	0	0	0.3	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.3 / 0.7	1.0 / 0	.02 / 0				
Wind direction	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	E	NE	NE	NE	E	NE	NE	E	NE
Wind movement	7	8	7	9	8	9	11	13	13	14	15	18	15	16	15	16	16	15	9	7	7	8	7	7
Maximum velocities (exceeding 29 miles) direction and time																								

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
76	57	66	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Pt Cloudy Moon phase,
Average daily cloudiness (0-10), 4
Actual sunshine, hours, 10.3 Possible sunshine, hours, 14.8
Per cent of possible sunshine, 70
Prevailing wind direction, NE Total wind 270
Average hourly velocity, 11.2 Extreme velocity, 23
Maximum velocity, 21 Direction, E
Time began, 3:46 pm.
Reduced barometer, 30.03 7 a. m. 30.00 7 p. m.
River gage, 4.6 ft.
Relative humidity, 86 7 a. m. 66 7 p. m.

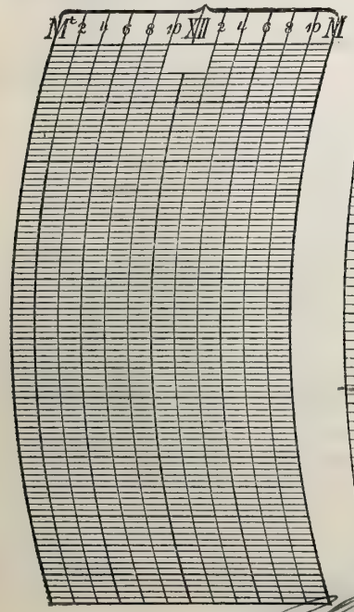
Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

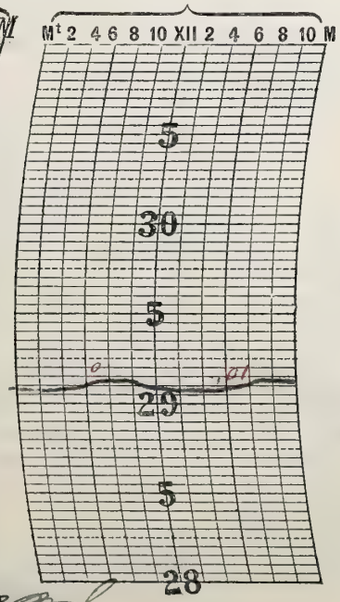
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 73.2 Wet temperature, 63.0
Dew-point, 57 R. humidity, 57 V. pressure, .465
Clouds: Amount, 1; Kind, St Cu; Direction, NE
Velocity of clouds (miles per hour)

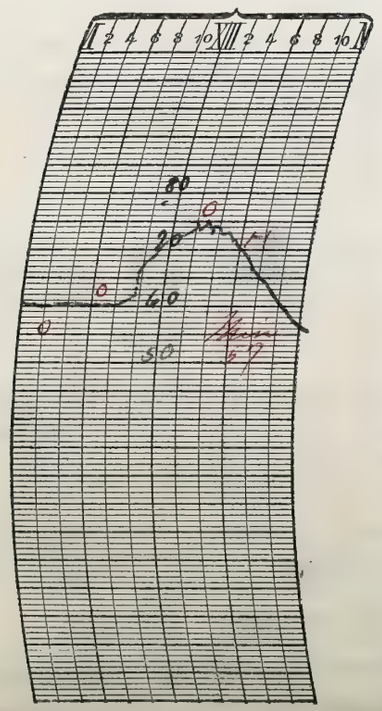
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

A clear, warm and pleasant day with an abundance of sunshine after eight a.m.

Prepared by [signature]

Verified by [signature]

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Wednesday, (Date) MAY 28 1929, 192

Time (local standard). 90° mer. normal time.

	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	56	56	55	54	54	56	59	65	70	72	75	75
State of weather. Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions	← Clear											
Sunrise: Time, Character,	4:14 Clear											
Moonrise:	1:25 P											
Sunshine (in tenths of hours)					.77 0	1.0 0	1.0	1.0	1.0	1.0	1.0	1.0
Wind direction	NE	NE	NE	NE	E	E	E	E	E	E	E	E
Wind movement	7	7	8	9	8	7	8	6	6	8	8	7
Maximum velocities (exceeding 29 miles) direction and time												

	P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	77	78	79	79	78	78	76	74	73	69	69	67
State of weather. Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions	← Clear											→ ?
Sunset: Time, Character,									7:02 Clear			
Moonset:									12:41a			
Sunshine (in tenths of hours)	1.0	1.0	1.0	1.0	1.0	0.2 0.8	1.0 0	0.3 0				
Wind direction	SE	SE	SE	SE	E	E	E	NE	E	E	E	E
Wind movement	6	6	7	5	7	6	3	5	4	3	3	2
Maximum velocities (exceeding 29 miles) direction and time												

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

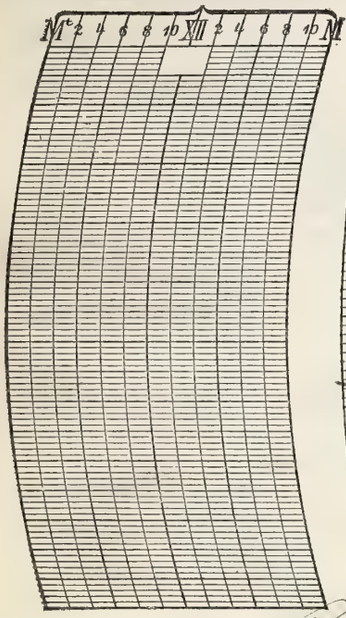
Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
79	54	66	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Clear Moon phase,
Average daily cloudiness (0-10), 1
Actual sunshine, hours, 14.8 Possible sunshine, hours, 14.8
Per cent of possible sunshine, 100
Prevailing wind direction, E Total wind 146
Average hourly velocity, 6.1 Extreme velocity, 10
Maximum velocity, 10 Direction, SE
Time began, 10:25am
Reduced barometer, 30.09 7 a. m. 29.98 7 p. m.
River gage, 4.2 Ft.
Relative humidity, 81 7 a. m. 42 7 p. m.

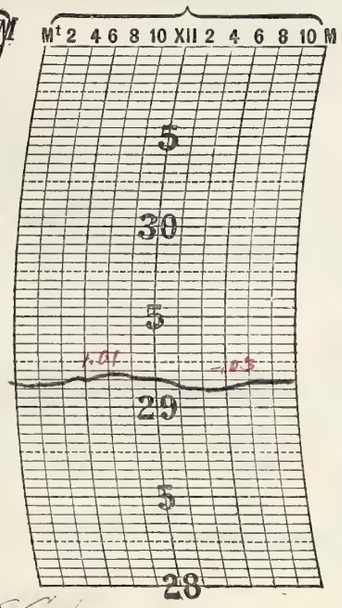
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 76.0 Wet temperature, 57.7
Dew-point, 43 R. humidity, 31 V. pressure, .277
Clouds: Amount, 0; Kind, 0; Direction, 0
Velocity of clouds (miles per hour)

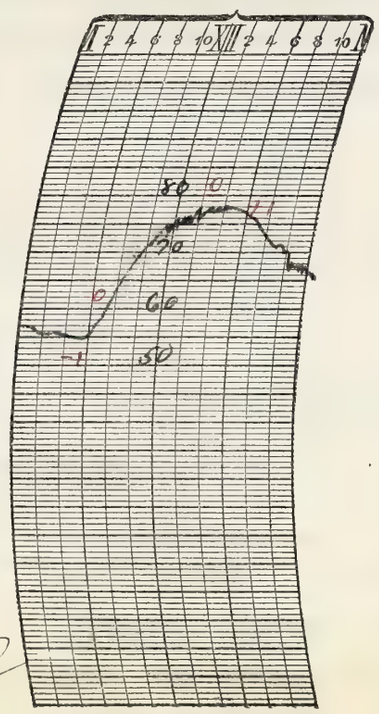
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

A clear and warm day with an abundance of sunshine

Prepared by

Verified by P. McDonough

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Thursday, (Date) MAY 2 [illegible], 192

Time (local standard) 90° mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	64	63	62	61	61	64	67	73	77	78	80	80
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions	?	—	—	—	Pt. Cloudy	—	—	—	—	—	—	—
Sunrise: Time, Character,	4:13 Cloudy											
Moonrise:	2:26p											
Sunshine (in tenths of hours)					0	0.2	1.0	1.0	1.0	1.0	1.0	1.0
Wind direction	E	E	E	E	E	E	E	SW	SW	SW	S	N
Wind movement	1	1	1	1	1	1	2	6	5	4	4	6

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	82	80	82	82	78	75	73	70	69	67	64	63
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions	—	—	—	—	Pt. Cloudy	—	—	—	—	—	—	?
Sunset: Time, Character,									7:03 Cloudy			
Moonset:									1:17a			
Sunshine (in tenths of hours)	1.0	1.0	1.0	1.0	0.4	0	0	0				
Wind direction	NW	NW	NW	NW	NW	NW	NW	NW	N	N	N	N
Wind movement	5	9	8	7	9	9	8	8	7	8	7	5

Maximum velocities (exceeding 29 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

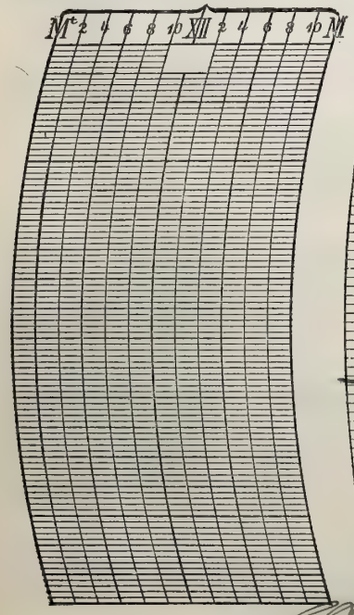
Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
83	59	71	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Pt. Cloudy Moon phase,
Average daily cloudiness (0-10), 6
Actual sunshine, hours, 10.6 Possible sunshine, hours, 14.8
Per cent of possible sunshine, 72
Prevailing wind direction, NW. Total wind 123
Average hourly velocity, 5.1 Extreme velocity, 17
Maximum velocity, 15 Direction, NW
Time began, 4:43 pm.
Reduced barometer, 30.05 a. m. 29.97, p. m.
River gage, 3.8 Ft.
Relative humidity, 65 a. m. 61 p. m.

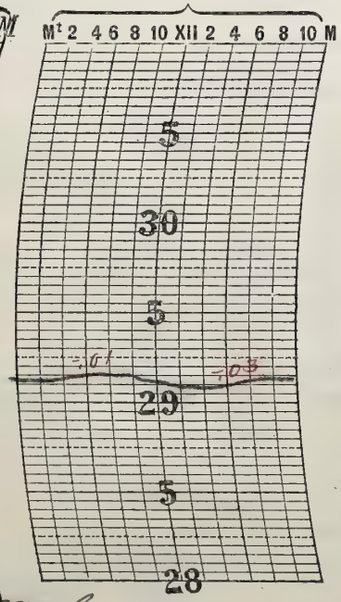
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 80.0 Wet temperature, 62.7
Dew-point, 51 R. humidity, 37 V. pressure, 37.3
Clouds: Amount, 4; Kind, A St.; Direction, SW.
Velocity of clouds (miles per hour)

THERMOGRAPH.



BAROGRAPH.



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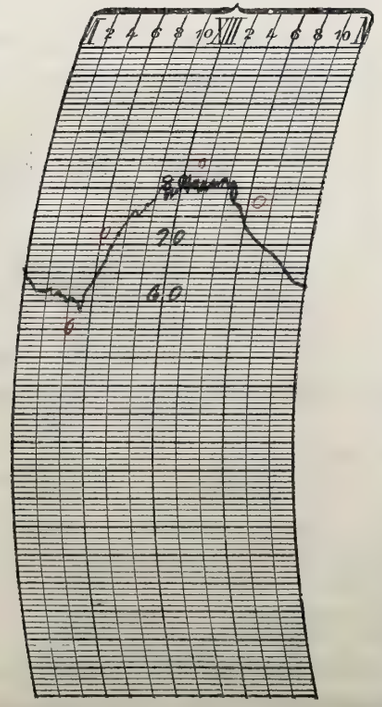


NOTES.

The day was partly cloudy and warm with the sun shining through broken clouds. The maximum temperature today was the highest recorded so far this year.

A lunar halo was observed at 10 pm.

Prepared by [illegible]

Verified by T. M. O'Donnell

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Friday, (Date) MAY 28 1920, 192

Time (local standard). 90th mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	62	62	61	59	58	57	56	58	60	62	64	65
State of weather. Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions	7				Cloudy							
Sunrise: Time, Character,	4:13 Cloudy											
Moonrise:	3:27p											
Sunshine (in tenths of hours)					0	0	0	0.8	1.0	1.0	1.0	1.0
Wind direction	N	N	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE
Wind movement	5	8	10	15	15	16	18	16	19	16	15	11
Maximum velocities (exceeding 29 miles) direction and time												

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	67	69	68	68	69	68	67	65	62	60	59	57
State of weather. Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions	Cloudy							Pt. Cloudy				
Sunset: Time, Character,									7:03 Cloudy			
Moonset:									1:47a			
Sunshine (in tenths of hours)	1.0	1.0	1.0	1.0	1.0	0.6	0	0				
Wind direction	NE	NE	NE	NE	NE	NE	NE	NE	N	N	N	N
Wind movement	11	12	11	11	10	11	7	6	4	5	5	5
Maximum velocities (exceeding 29 miles) direction and time												

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
70	56	63	

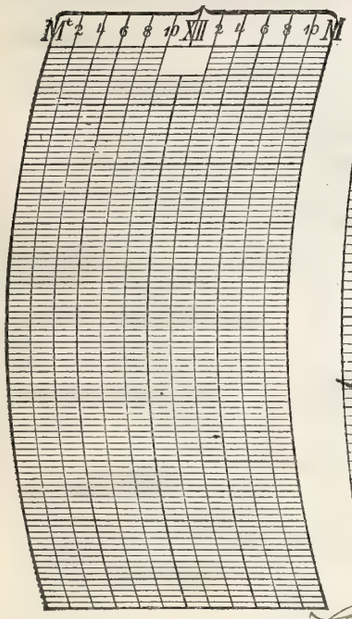
Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0-10), 8
Actual sunshine, hours, 10.4 Possible sunshine, hours, 14.8
Per cent of possible sunshine, 70
Prevailing wind direction, NE Total wind 2625
Average hourly velocity, 10.9 Extreme velocity, 35
Maximum velocity, 24 Direction, NE
Time began, 6:52am
Reduced barometer, 30.09 7a. m. 30.02 7p. m.
River gage, 3.5 Ft.
Relative humidity, 61 7a. m. 43 7p. m.

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

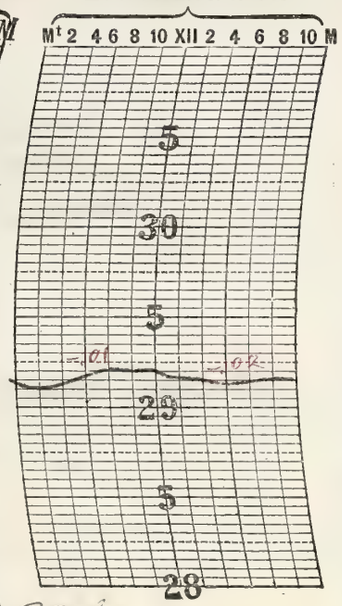
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 64.2 Wet temperature, 53.0
Dew-point, 43 R. humidity, 42 V. pressure, 277
Clouds: Amount, 9; Kind, A St; Direction, W.
Velocity of clouds (miles per hour)

THERMOGRAPH.



BAROGRAPH.



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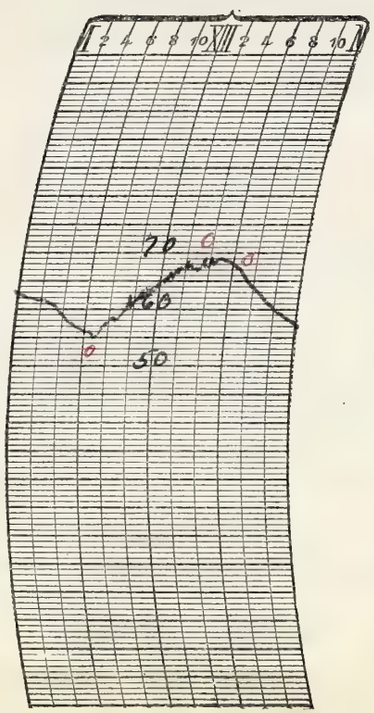


NOTES.

A cloudy and cool day with a fair amount of sunshine through broken clouds.

A solar halo of 22° radius was observed at 8:27 am and was bright and distinct the colors visible being Red, Orange, Yellow, Green, Blue ~~Indigo~~ Indigo and Violet. The arc was complete but there were no attendant arcs or tangents. The phenomenon disappeared at 1:45 pm with the thickening of the clouds. The clouds present during the period of visibility were nine-tenths Alto-Stratus from the West.

Prepared by

Verified by P. McDonough

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Saturday, (Date) MAY 27 1911, 192

Time (local standard). 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	57	55	53	53	53	55	57	61	64	65	66	67
State of weather. Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions	← Pt Cloudy											→
Sunshine (in tenths of hours)					0	0.1	0.9	1.0	1.0	1.0	1.0	1.0
Wind direction	NE	NE	N	NE	NE	NE	E	E	NE	NE	NE	NE
Wind movement	4	1	4	5	6	5	7	9	9	9	9	10
Maximum velocities (exceeding 29 miles) direction and time												

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	70	71	72	73	71	68	66	62	60	59	58	57
State of weather. Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions	Cloudy			Pt Cloudy				Clear				
Sunshine (in tenths of hours)	0.9	1.0	1.0	1.0	1.0	0.9	0	0				
Wind direction	NE	NE	NE	NE	NE	NE	NE	E	E	E	NE	NE
Wind movement	11	12	11	12	14	15	11	8	7	6	5	7
Maximum velocities (exceeding 29 miles) direction and time												

Sunrise: Time, 4:12; Character, Cloudy. Moonrise: 4:26p

Sunset: Time, 7:04; Character, Cloudy. Moonset: 2:19a

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
73	52	62	

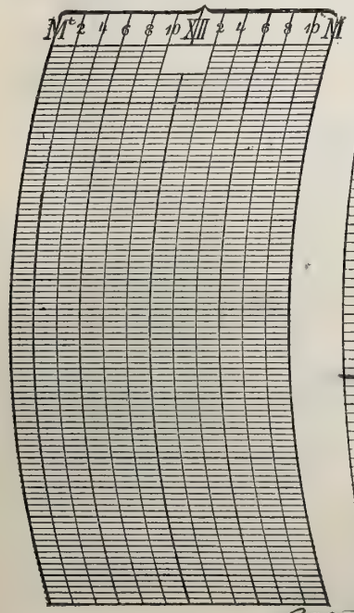
Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day Pt Cloudy. Moon phase,
Average daily cloudiness (0-10), 6
Actual sunshine, hours, 11.8 Possible sunshine, hours, 14.9
Per cent of possible sunshine, 79
Prevailing wind direction, NE Total wind 197
Average hourly velocity, 8.2 Extreme velocity, 18
Maximum velocity, 18 Direction, NE
Time began, 4:43 PM
Reduced barometer, 30.10 7 a. m. 30.00 7 p. m.
River gage, 3.37
Relative humidity, 61 7 a. m. 41 7 p. m.

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

OBSERVATIONS AT 12 NOON. (Local Mean Time.)

Dry temperature, 68.1 Wet temperature, 53.0
Dew-point, 39 R. humidity, 35 V. pressure, .237
Clouds: Amount, 8; Kind, A St.; Direction, W
Velocity of clouds (miles per hour)

THERMOGRAPH.



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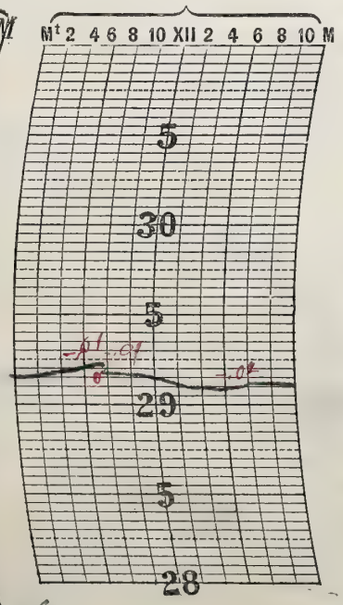

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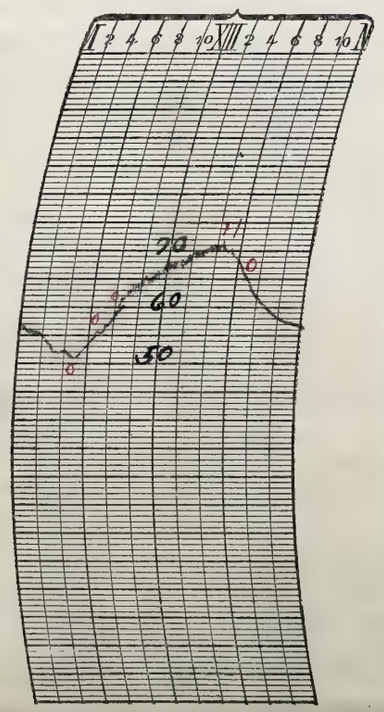


NOTES.

Except Clear in the late night the weather was generally partly cloudy, with Alto Stratus Clouds prevailing. Mild temperature obtained. Moonlight at night.

Prepared by CCS

Verified by F. McDonough

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Sunday, (Date) MAY 30 1920, 192

Time (local standard) 90th mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	53	53	52	51	51	55	58	63	68	71	74	74	76	78	80	80	79	78	76	69	67	68	67	66
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions																								
Sunrise: Time, Character, 4:12 Clear																								
Moonrise: 5:23p																								
Sunset: Time, Character, 7:05 Cloudy																								
Moonset: 2:55a																								
Sunshine (in tenths of hours)					.80 6	0.7 03	10	10	10	10	10	10	10	10	10	10	10	04	0	0				
Wind direction	E	NE	NE	NE	NE	NE	E	E	NE	NE	E	E	NE	NE	E	SE	SE	E	E	E	E	E	SW	SW
Wind movement	8	8	7	7	6	7	6	6	6	5	5	5	5	6	5	7	5	5	7	7	7	7	15	7
Maximum velocities (exceeding 29 miles) direction and time																								

Cloudiness: 4 — Pt. Cloudy — 4 — Pt. Cloudy — 7

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
81	51	66	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Pt. Cloudy Moon phase,
Average daily cloudiness (0-10), 6
Actual sunshine, hours, 13.7 Possible sunshine, hours, 14.9
Per cent of possible sunshine, 89
Prevailing wind direction, E Total wind 159
Average hourly velocity, 6.6 Extreme velocity, 20
Maximum velocity, 19 Direction, SW
Time began, 10:15 p.m.
Reduced barometer, 30.04 7 a. m. 29.94 7, p. m.
River gage, 3.1 ft.
Relative humidity, 60 7 a. m. 45 7 p. m.

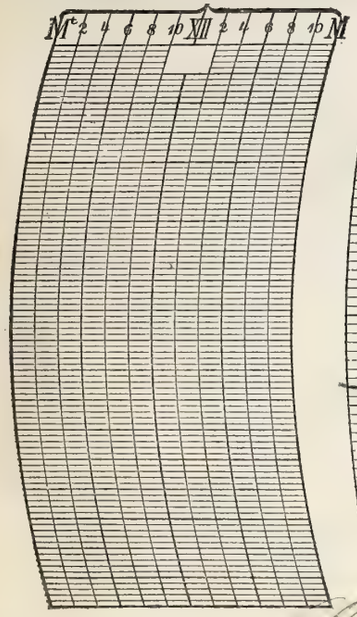
Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

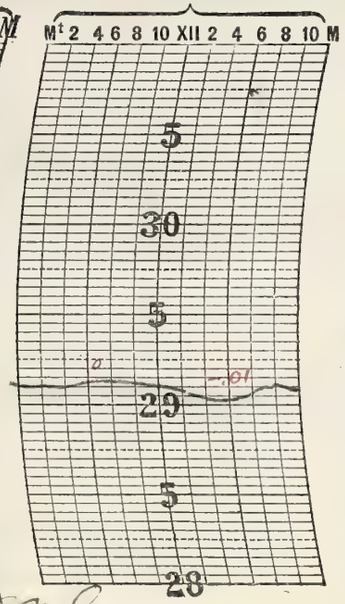
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 75.0 Wet temperature, 59.8
Dew-point, 49 R. humidity, 40 V. pressure, .347
Clouds: Amount, 6; Kind, Cst.; Direction, W.
Velocity of clouds (miles per hour)

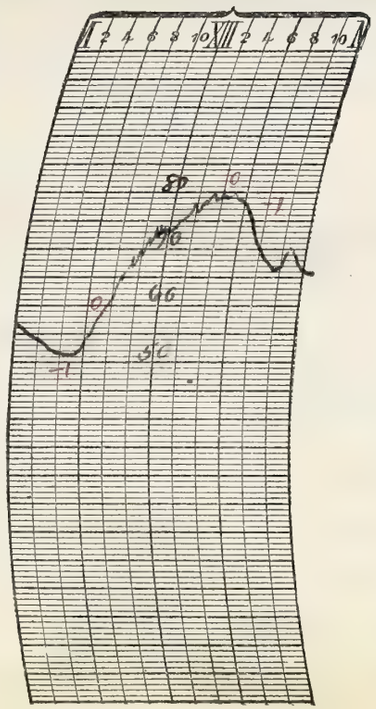
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

Partly cloudy fine weather.
Moonlight through rifts in clouds at night.
Lunar corona from 9:30 pm to 9:45 pm

Prepared by C. C. S.
Verified by P. M. Donough

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Monday, (Date) MAY 31 1915, 192

Time (local standard). 90th mer. normal time.

	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	65	63	63	64	64	65	65	68	68	71	78	78	78	78	76	78	77	76	75	72	71	70	69	69
State of weather: Nature of precipitation and time of beginning and ending												RB 11:37 RE 11:59												
Amounts of precipitation												T												
Cloudiness and other conditions	9			Cloudy						×					Pt. Cloudy			×			Cloudy			
Sunshine (in tenths of hours)					0	0	0	0	0	0	0.9	0.8	1.0	1.0	0.4	0.7	0.5	0	0	0				
Wind direction	SW	S	S	S	S	S	S	S	S	SW	SW	SW	S	S	SW	SW	SW	SW	S	S	S	S	S	S
Wind movement	3	6	6	4	4	5	5	6	12	9	12	12	16	17	15	12	11	12	10	8	9	9	8	8
Maximum velocities (exceeding 29 miles) direction and time																								

Sunrise: Time, 4:11; Character, Cloudy. Moonrise: 6:18p.

Sunset: Time, 7:06; Character, Cloudy. Moonset: 3:31a.

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
80	63	72	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow, sleet, and hail on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., T ins.

Total precipitation, midnight to midnight, T inches.

Character of day, Cloudy Moon phase,

Average daily cloudiness (0-10), 8

Actual sunshine, hours, 5.3 Possible sunshine, hours, 14.9

Per cent of possible sunshine, 36

Prevailing wind direction, S Total wind 219

Average hourly velocity, 9.1 Extreme velocity, 26

Maximum velocity, 23 Direction, SW

Time began, 12:55 pm

Reduced barometer, 30.04 7 a. m. 29.99 7 p. m.

River gage, 3.0 ft.

Relative humidity, 77 7 a. m. 60 7 p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

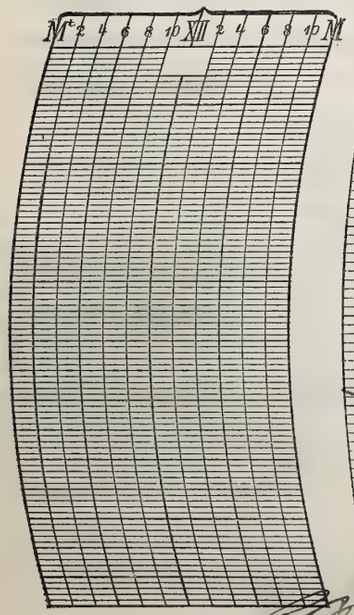
Dry temperature, 79.0 Wet temperature, 66.5

Dew-point, 60 R. humidity, 52 V. pressure, 517

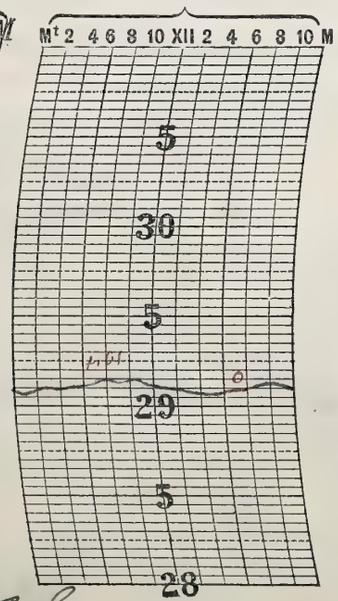
Clouds: Amount, 6; Kind, Cu.; Direction, S

Velocity of clouds (miles per hour)

THERMOGRAPH.



BAROGRAPH.



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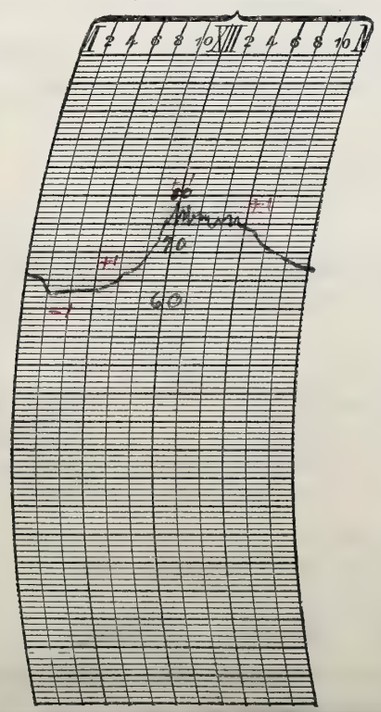


NOTES.

Prepared by

Verified by P. McDonough

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Tuesday, (Date) JUNE - 1 1926, 192

Time (local standard), 90th mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	68	67	67	66	65	64	64	67	69	71	71	72
State of weather: Nature of precipitation and time of beginning and ending				AB DNA				RE 7:20				
Amounts of precipitation				T	.05	.30	.23	.02				
Cloudiness and other conditions	Cloudy											
Sunrise: Time, 4:11 Character, Cloudy												
Moonrise: 7:09p												
Sunshine (in tenths of hours)					0	0	0	0	0	0.2	0.3	0.5
Wind direction	S	S	S	S	S	S	S	S	S	S	S	S
Wind movement	9	7	7	6	10	10	7	8	10	11	14	15

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	74	74	73	74	74	73	72	70	69	68	68	67
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions	Cloudy							Pt. Cloudy				?
Sunset: Time, 7:07 Character, Cloudy												
Moonset: 4:14a												
Sunshine (in tenths of hours)	1.6	0.4	0.3	0.4	0.9	0	0	0				
Wind direction	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW
Wind movement	15	15	12	11	14	14	12	10	9	9	10	11

Maximum velocities (exceeding 29 miles) direction and time.

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts: DNA	7:20a	.60	5:53a	6:03a	.11	.18	.34												

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
75	64	70	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow, sleet, and hail on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m.; .58 ins.; to 7 p. m., .02 ins.

Total precipitation, midnight to midnight, .60 inches.

Character of day, Cloudy Moon phase, Full 11:18am

Average daily cloudiness (0-10), 9

Actual sunshine, hours, 4.0 Possible sunshine, hours, 14.9

Per cent of possible sunshine, 27

Prevailing wind direction, S & SW Total wind 246.3

Average hourly velocity, 11.0 Extreme velocity, 23

Maximum velocity, 19 Direction, S

Time began, 1:25 pm

Reduced barometer, 29.99 7 a. m. 29.94 7 p. m.

River gage, 3.2 Ft.

Relative humidity, 97 7 a. m. 71 7 p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

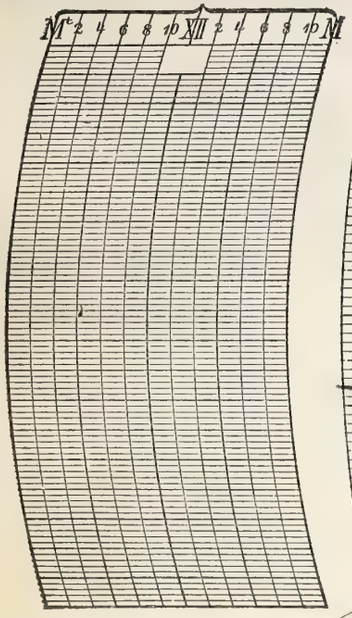
Dry temperature, 72.8 Wet temperature, 66.6

Dew-point, 63 R. humidity, 72 V. pressure, .575

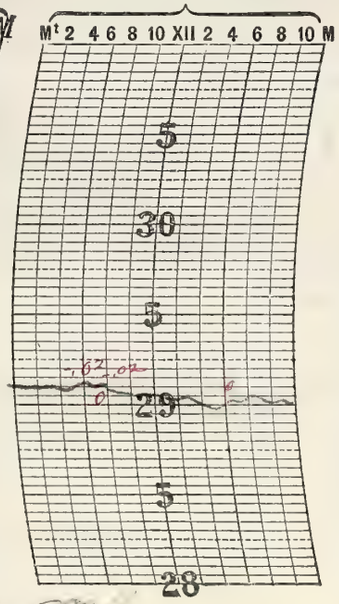
Clouds: Amount, 10; Kind, Stu; Direction, SW

Velocity of clouds (miles per hour)

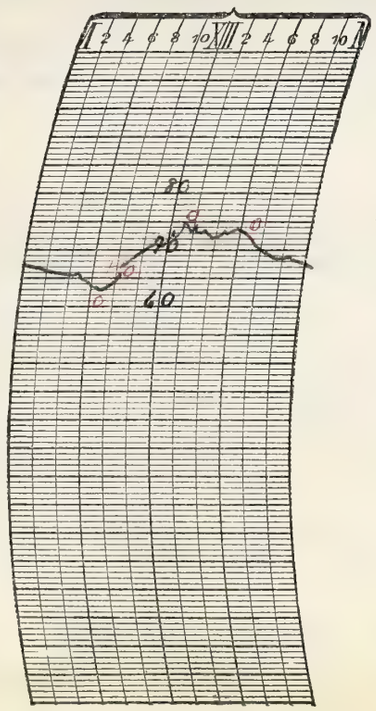
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

A cloudy and cool day with rain in the early morning.

A thunderstorm commenced during night am and last thunder heard at 6.12 am. The storm moved from northwest to northeast and was light in intensity. (Last thunder heard at 8 pm and heard about 4.30 am. See paragraph 3 over.)

Prepared by

Verified by P. M. Donough

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Wednesday, (Date) JUN - 2 1920, 192

Time (local standard). 90 mer. normal time.

	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	65	65	65	64	63	65	68	71	73	74	76	78
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions	?				Cloudy							
Sunrise: Time, Character,	4:10 Cloudy											
Moonrise:	2:57p											
Sunshine (in tenths of hours)					0	0	0.3	0.3	0.8	0.7	0.5	0.8
Wind direction	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW
Wind movement	13	10	9	8	8	6	8	10	10	12	11	13

	P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	79	79	79	78	73	[illegible]	68	65	64	62	60	58
State of weather: Nature of precipitation and time of beginning and ending						RB 5:27 RE 5:27						
Amounts of precipitation						T						
Cloudiness and other conditions	Cloudy								Pt Cloudy			?
Sunset: Time, Character,	7:07 Cloudy											
Moonset:	5:00a											
Sunshine (in tenths of hours)	1.0	1.0	1.0	0.9	0.6	0	0	0				
Wind direction	SW	SW	W	W	NW	NW	N	NW	NW	NW	NW	NW
Wind movement	16	14	11	14	13	15	12	9	10	7	7	5

Maximum velocities (exceeding 49 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
80	58		

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow, sleet, and hail on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., T ins.

Total precipitation, midnight to midnight, T inches.

Character of day, Cloudy Moon phase,

Average daily cloudiness (0–10), 8

Actual sunshine, hours, 7.9 Possible sunshine, hours, 15.0

Per cent of possible sunshine, 53

Prevailing wind direction, SW Total wind 351

Average hourly velocity, 10.5 Extreme velocity, 20

Maximum velocity, 18 Direction, SW

Time began, 12:51 pm

Reduced barometer, 29.96 7 a. m. 30.01 7 p. m.

River gage, 2.8 Ft.

Relative humidity, 87 7 a. m. 76 7 p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

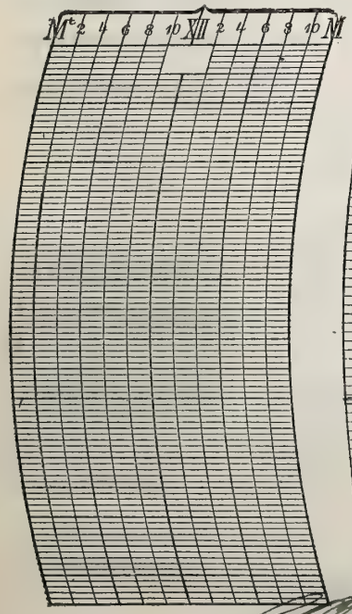
Dry temperature, 78.3 Wet temperature, 67.0

Dew-point, 61 R. humidity, 56 V. pressure, .536

Clouds: Amount, 8; Kind, AST; Direction, N

Velocity of clouds (miles per hour)

THERMOGRAPH.



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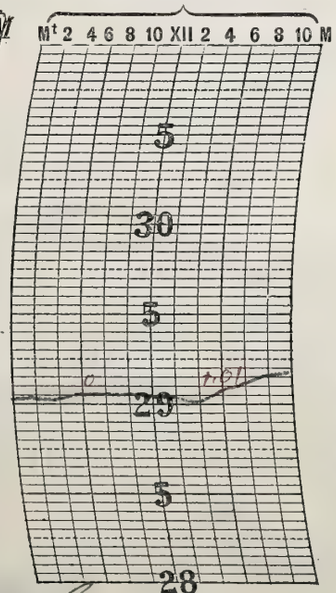
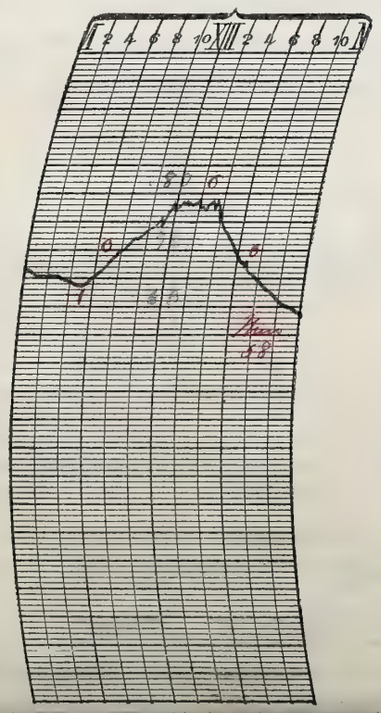


THERMOGRAPH.



NOTES.

Prepared by

Verified by P. McGonagle

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Worth, Tex., (Day of week) Thursday, (Date) JUN - 3 1920, 192

Time (local standard), 90° mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	57	56	56	55	55	56	56	60	62	64	65	[illegible]
Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions	?				Cloudy							
Sunshine (in tenths of hours)					0	0	0	0	0.1	1.0	1.0	1.0
Wind direction	NW	N	N	N	N	N	N	N	N	NE	NE	NE
Wind movement	4	5	6	5	6	5	6	7	7	11	11	10

Sunrise: Time, 4:10 Character, Cloudy. Moonrise: 8:40p.

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	67	67	67	66	66	65	64	62	61	60	58	[illegible]
Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions						Cloudy						?
Sunshine (in tenths of hours)	1.0	1.0	1.0	0.2	0	0.1	0	0				
Wind direction	NE	NE	NE	NE	E	E	E	E	E	E	E	E
Wind movement	8	8	10	9	8	8	7	5	5	4	5	5

Sunset: Time, 7:08 Character, Cloudy. Moonset: 5:49a

Maximum velocities (exceeding 29 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

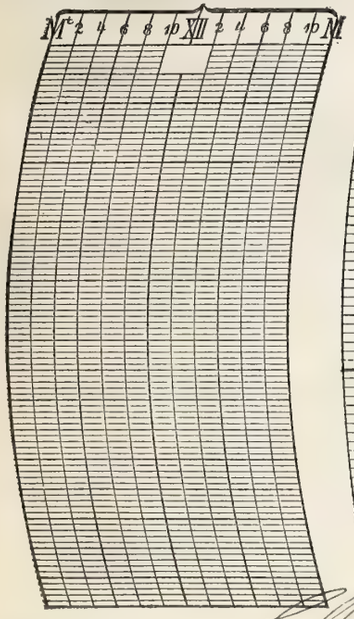
Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
68	55	[illegible]	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0-10), 8
Actual sunshine, hours, 6.4 Possible sunshine, hours, 15.0
Per cent of possible sunshine, 43
Prevailing wind direction, N Total wind 165
Average hourly velocity, 6.9 Extreme velocity, 72
Maximum velocity, 12 Direction, NE
Time began, 9:43a.m.
Reduced barometer, 30.19 a. m. 30.17 p. m.
River gage, 3.8 ft.
Relative humidity, 62 a. m. 58 p. m.

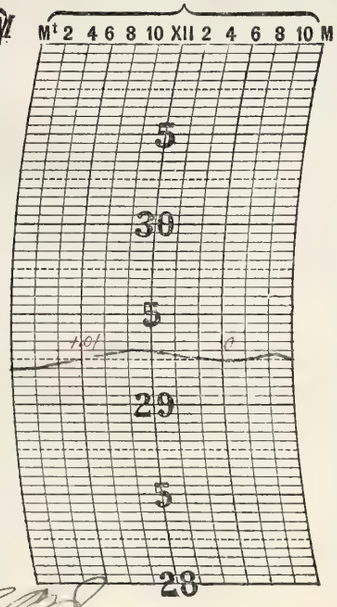
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 65.8 Wet temperature, 53.8
Dew-point, 44 R. humidity, 45 V. pressure, 28.7
Clouds: Amount, 9; Kind, Ast; Direction, NW
Velocity of clouds (miles per hour)

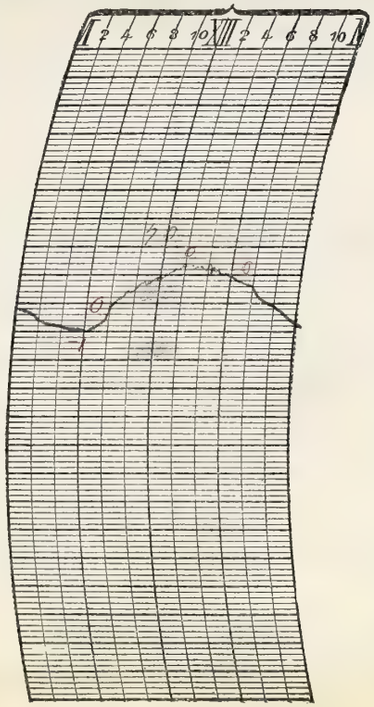
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

A cool and cloudy day with sunshine through fractured clouds

Prepared by E. A. [illegible]
Verified by P. McDonough

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Friday, (Date) JUN 4 1920, 192

Time (local standard). 90° mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	55	53	53	51	52		56	58		58			67	68	67				62	60	58	55		
State of weather. Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions	?			Pt. Cloudy						×				Pt. Cloudy				×		Clear				
Sunrise: Time, Character,	4:10 Cloudy																				Sunset: Time, Character, 7:09 Cloudy			
Moonrise:	9:20p																				Moonset: 6:42a			
Sunshine (in tenths of hours)					0	0	0.7	0.9	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.8	1.0	0.1	0				
Wind direction	E	E	NE	NE	E	NE	E	E	E	E	E	E	E	E	E	E	NE	E	E	NE	E	E	NE	NE
Wind movement	7	7	8	9	9	10	14	18	20	19	21	17	17	17	16	14	15	13	10	6	8	7	7	6
Maximum velocities (exceeding 29 miles) direction and time																								

	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																				

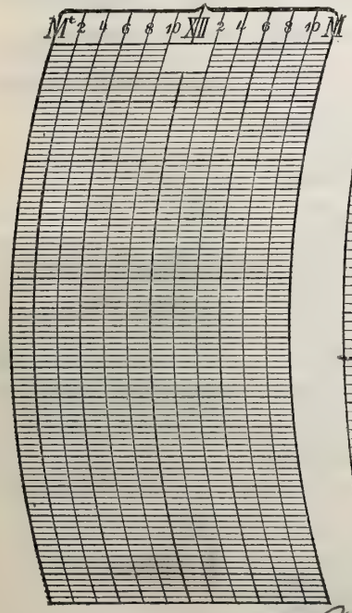
Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
67	51	59	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Pt. Cloudy Moon phase,
Average daily cloudiness (0-10), 5
Actual sunshine, hours, 11.5 Possible sunshine, hours, 15.0
Per cent of possible sunshine, 77
Prevailing wind direction, E Total wind 295
Average hourly velocity, 12.3 Extreme velocity, 26
Maximum velocity, 26 Direction, NE
Time began, 10:05 am.
Reduced barometer, 30.13 7 a. m. 29.96 7 p. m.
River gage, 2.7 feet.
Relative humidity, 63 7 a. m. 26 7 p. m.

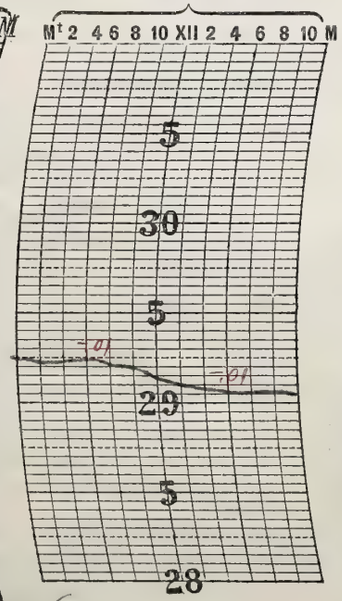
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 63.9 Wet temperature, 51.0
Dew-point, 38 R. humidity, 39 V. pressure, .228
Clouds: Amount, 9; Kind, Ac-Cu; Direction, W.
Velocity of clouds (miles per hour)

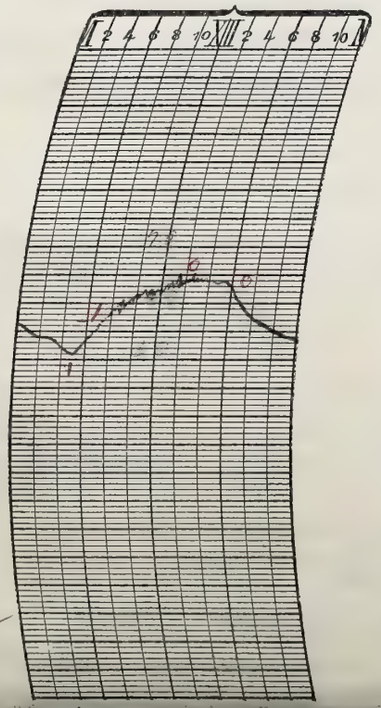
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

Partly cloudy and rather cool day with sunshine through broken clouds.

Prepared by

Verified by

8—486

FORM NO. 1014—MET 1.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Saturday, (Date) JUN 5 1920, 192

Time (local standard). 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	54	54	54	54	53	55	58	63	66	67	68	69	70	70	71	72	73	70	69	59	57	55	55	55
State of weather: Nature of precipitation and time of beginning and ending																	RB 4:55 RE 4:57							
Amounts of precipitation																	T							
Cloudiness and other conditions	Clear												Clear				Pt. Cldy				Clear			
Sunrise: Time, Character,	4:09 Cloudy																							
Moonrise:	9:55p																							
Sunset: Time, Character,																					7:09 Clear			
Moonset:																					7:38a			
Sunshine (in tenths of hours)					0	0.1	0.6	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.5	0.9	0.4 0.6	1.0 0	.15 0				
Wind direction	NE	NE	NE	NE	N	N	N	N	NE	N	N	NE	N	NE	N	N	N	N	N	E	SE	E	E	SE
Wind movement	6	6	5	5	5	5	7	7	9	10	11	12	11	10	8	8	7	8	6	11	5	7	4	3
Maximum velocities (exceeding 29 miles) direction and time																								

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

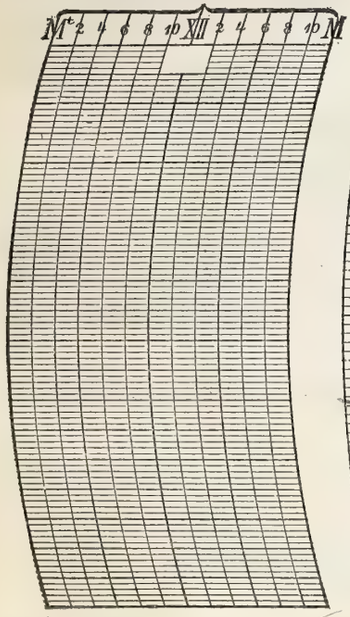
Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
72	53	62.5	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., T ins.
Total precipitation, midnight to midnight, T inches.
Character of day, Clear Moon phase,
Average daily cloudiness (0-10), 2
Actual sunshine, hours, 12.2 Possible sunshine, hours, 15.0
Per cent of possible sunshine, 81
Prevailing wind direction, N. Total wind 176
Average hourly velocity, 7.3 Extreme velocity, 19
Maximum velocity, 17 Direction, NE
Time began, 11:13 am
Reduced barometer, 29.96 7 a. m. 29.88 7 p. m.
River gage, 2.7 Ft.
Relative humidity, 62 7 a. m. 33 7 p. m.

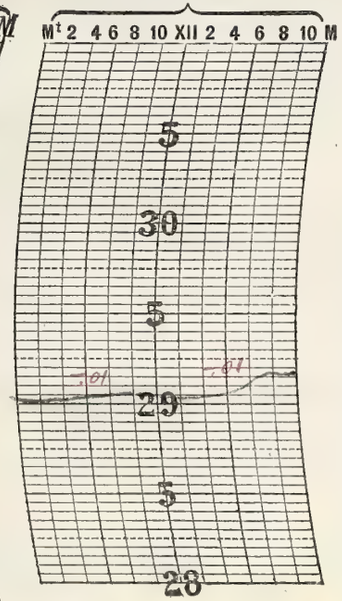
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 67.8 Wet temperature, 51.8
Dew-point, 36 R. humidity, 31 V. pressure, .211
Clouds: Amount, 1; Kind, Cu; Direction, NE
Velocity of clouds (miles per hour)

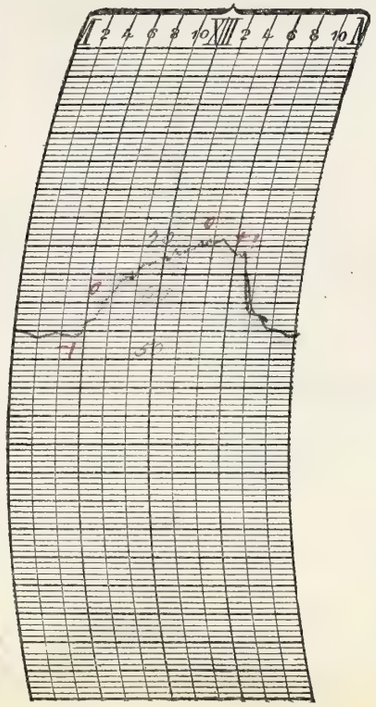
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

A clear and cool day with an abundance of very warm sunshine.

Prepared by C. A. S.
Verified by P. M. Dunnigh

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Sunday, (Date) JUN - - 1920, 192

Time (local standard). 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	53	52	51	51	58	[illegible]	59	61	64	66	68	[illegible]
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions	Clear											
Sunshine (in tenths of hours)					.85 0	0.6 0.4	1.0	1.0	1.0	1.0	1.0	1.0
Wind direction	SE	SE	E	SE	E	E	E	S	SE	E	E	NE
Wind movement	2	3	2	2	1	1	2	4	2	5	6	6

Sunrise: Time, 4:10 Character, Clear

Moonrise: 10:26p

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	[illegible]	72	73	75	73	72	71	69	67	65	[illegible]	[illegible]
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions	Clear											?
Sunshine (in tenths of hours)	1.0	1.0	1.0	1.0	1.0	1.0	0	0				
Wind direction	NE	E	E	SE	[illegible]	[illegible]	S	S	S	SE	[illegible]	[illegible]
Wind movement	7	5	5	[illegible]	5	[illegible]	3	4	[illegible]	[illegible]	[illegible]	[illegible]

Sunset: Time, 7:10 Character, Cloudy

Moonset: 8:36a

Maximum velocities (exceeding 29 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
75	50		

Total depth of snow for 24 hours ending 7 p. m., ---- inches.

Snow, sleet, and hail on ground 7 p. m., ---- inches.

Total snowfall, midnight to midnight, ---- inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, ---- Moon phase, ----

Average daily cloudiness (0-10), ----

Actual sunshine, hours, 13.5 Possible sunshine, hours, 15.0

Per cent of possible sunshine, 92

Prevailing wind direction, SE Total wind ----

Average hourly velocity, 3.0 Extreme velocity, ----

Maximum velocity, 11 Direction, ----

Time began, 2:30a

Reduced barometer, 30.20 7a. m. ---- 7p. m.

River gage, 2.6 Feet

Relative humidity, 57 7a. m. ---- 7p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

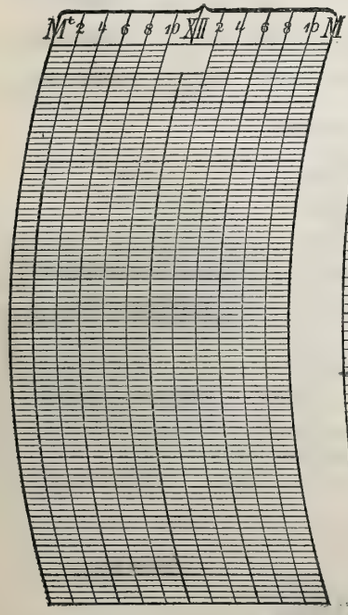
Dry temperature, 70.0 Wet temperature, 54.0

Dew-point, 40 R. humidity, 33 V. pressure, .247

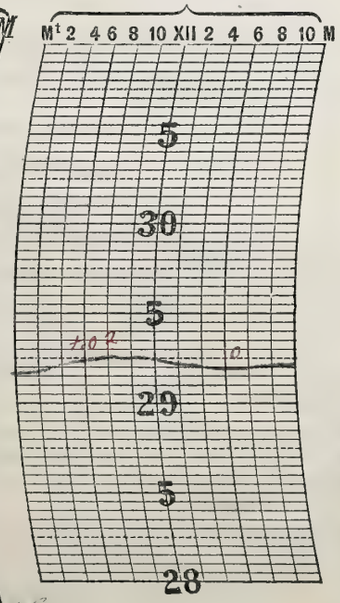
Clouds: Amount, Few; Kind, Cu; Direction, NW.

Velocity of clouds (miles per hour) ----

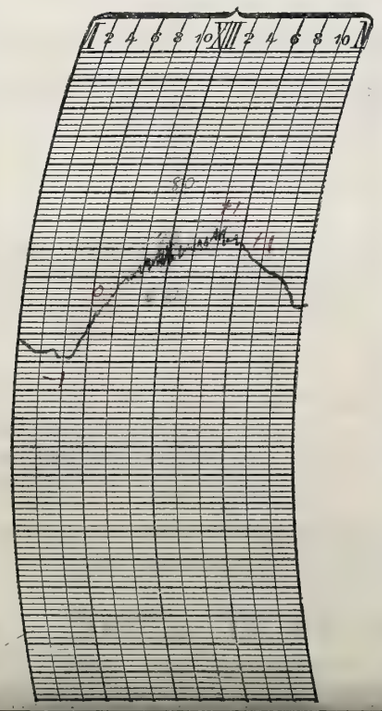
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

Heavy dew was observed this morning.

Prepared by ----

Verified by F. M. Dawson Jr.

8—486

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind, (Day of week) Monday, (Date) JUN - 7 1920, 192

Time (local standard). 90 mer. normal time.

	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	58	58	56	56	55	58	[illegible]	62	68	69	[illegible]	[illegible]
State of weather. Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions					Cloudy							
Sunshine (in tenths of hours)					0	0.3	[illegible]	0.5	[illegible]	[illegible]		
Wind direction	S	S	S	S	S	S	SW	SW	SW	SW	SW	SW
Wind movement	6	6	6	6	8	7	8	9	11	11	10	10

Sunrise: Time, 4:09 Character, Cloudy
Moonrise: [illegible]

	P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	74	74	75	74	75	[illegible]	72	68	[illegible]	[illegible]	[illegible]	[illegible]
State of weather. Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions					Pt. Cloudy				Clear			
Sunshine (in tenths of hours)	0	0.6	0.7	0.1	0.1	0.8	0	0				
Wind direction	SW	SW	SW	SW	SW	SW	SW	S	S	S	S	SW
Wind movement	9	6	8	10	10	10	6	6	6	6	8	9

Sunset: Time, 7:10 Character, Cloudy
Moonset: [illegible]

Maximum velocities (exceeding [illegible] miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

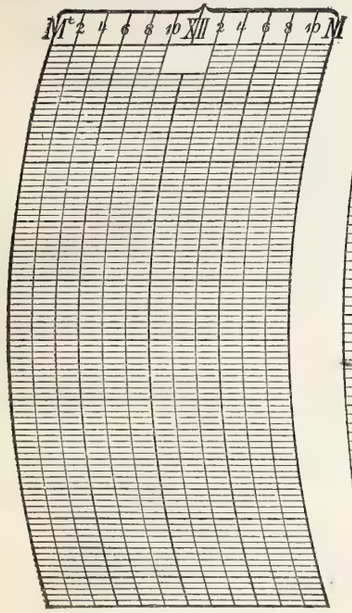
Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
75	55	65	

Total depth of snow for 24 hours ending [illegible] p. m., 0 inches.
Snow, sleet, and hail on ground [illegible] p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to ____ a. m., ____ ins.; to ____ p. m., ____ ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Clear Moon phase, ____
Average daily cloudiness (0–10), ____
Actual sunshine, hours, 8.7 Possible sunshine, hours, ____
Per cent of possible sunshine, 58
Prevailing wind direction, SW Total wind ____
Average hourly velocity, 8.0 Extreme velocity, ____
Maximum velocity, 13 Direction, SW
Time began, 8:30 a.m.
Reduced barometer, [illegible] a. m. [illegible], p. m.
River gage, 2
Relative humidity, [illegible] a. m. [illegible] p. m.

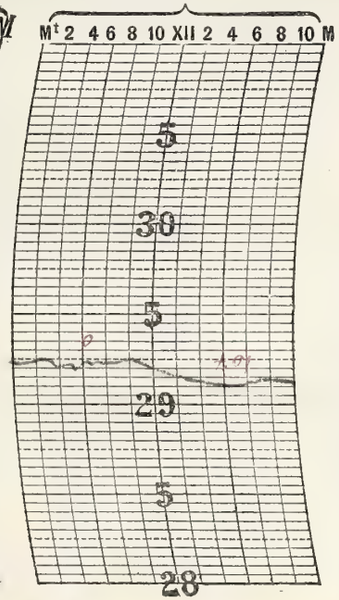
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 71.9 Wet temperature, ____
Dew-point, 46 R. humidity, ____ V. pressure, ____
Clouds: Amount, ____; Kind, ____; Direction, ____
Velocity of clouds (miles per hour) ____

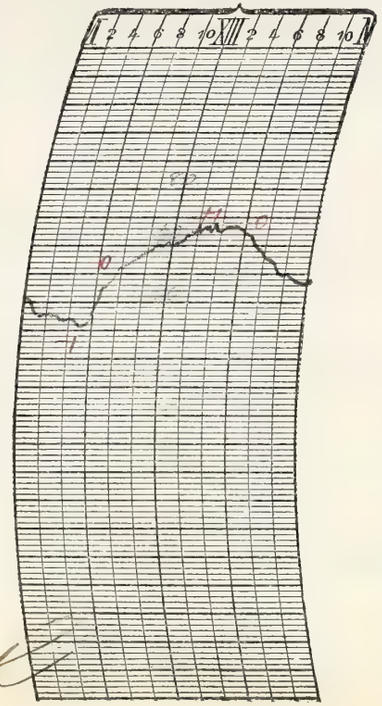
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

Prepared by ____
Verified by [illegible]

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind, (Day of week) Tuesday, (Date) JUN 22 1920, 192

Time (local standard). 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	63	61	60	60	60	64	[illegible]	[illegible]	76	78	81	82
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions	Clear											
Sunrise: Time, 4:00 Character, Clear												
Moonrise: 8:12 p												
Sunshine (in tenths of hours)					.85 0	0.6 0.4	1.0 1.0	1.0 1.0	1.0 1.0	1.0 1.0	1.0 1.0	1.0 1.0
Wind direction	SW	SW	SW	SW	SW	WNW	W	WNW	N	N	N	N
Wind movement	9	8	8	7	9	8	9	10	9	8	7	10
Maximum velocities (exceeding 50 miles) direction and time												

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	84	85	86	85	85	84	80	76	74	70	69	68
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions	Clear											
Sunset: Time, 8:00 Character, Clear												
Moonset: 6:00 a												
Sunshine (in tenths of hours)	1.0 1.0	1.0 1.0	1.0 1.0	1.0 1.0	0.8 0.0	0.0 0.0	0.7 0.0	.18 0.0				
Wind direction	N	N	N	N	N	N	W	WNW	N	NE	E	E
Wind movement	9	10	9	9	9	6	6	3	3	5	8	7
Maximum velocities (exceeding 50 miles) direction and time												

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
86	59	72	

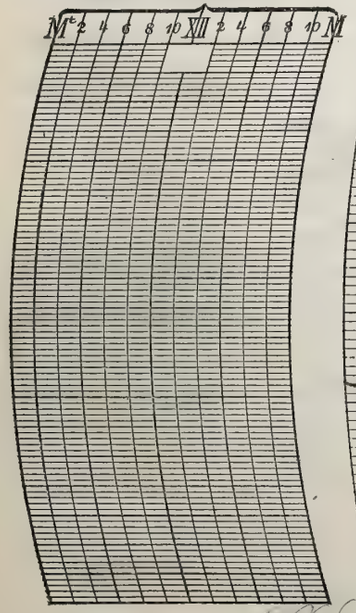
Total depth of snow for 24 hours ending — p. m., — inches.
Snow, sleet, and hail on ground — p. m., — inches.
Total snowfall, midnight to midnight, — inches.
Precipitation to — a. m., — ins.; to — p. m., — ins.
Total precipitation, midnight to midnight, — inches.
Character of day, Clear Moon phase, —
Average daily cloudiness (0-10), —
Actual sunshine, hours, 14.2 Possible sunshine, hours, 15.3
Per cent of possible sunshine, 93
Prevailing wind direction, N Total wind 195
Average hourly velocity, 8.1 Extreme velocity, 15
Maximum velocity, 15 Direction, —
Time began, 12:45 p
Reduced barometer, 29.22 a. m. 29.225 p. m.
River gage, —
Relative humidity, 90 a. m. — p. m.

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

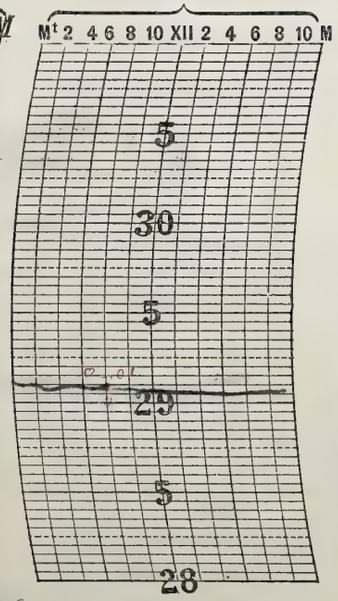
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 82.4 Wet temperature, 63.4
Dew-point, 57 R. humidity, 37 V. pressure, .032
Clouds: Amount, 1; Kind, Cu; Direction, N
Velocity of clouds (miles per hour)

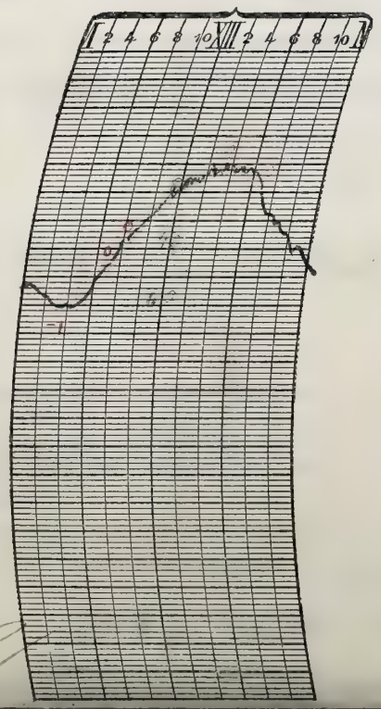
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

It is stated by Mr. Thomas E. Ellison, who has lived in Fort Wayne for a long period of years, that in about 60 years there have not shown such an exuberant foliage, shrubbery and vines as much bloom, the woods such a profusion of wild flowers, nor fruit such a fine setting as at the present time.

A clear and extra warm day with an abundance of sunshine.

Prepared by E. C. S.
Verified by P. McDonough

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind, (Day of week) Wednesday, (Date) JUN - 9 1920, 192

Time (local standard). 90 mer. normal time.

	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	66	65	65	65	65	66	69	74	78	81	82	85	87	88	91	91	87	86	85	82	80	78	75	74
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions	Pt. Cloudy										Clear				Pt. Cloudy					Clear				
Sunrise: Time, 4:08 Character, Cloudy																					Sunset: Time, 7:12 Character, Cloudy			
Moonrise: 11:56 p																					Moonset: 11:36 a			
Sunshine (in tenths of hours)					0	0	0.8	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.9	0.5	0				
Wind direction	E	E	SE	SE	SE	S	SE	S	SW	W	NW	S	W	SW	W	W	W	W	W	W	W	W	W	W
Wind movement	5	4	3	4	3	1	2	4	4	6	7	5	7	7	8	11	9	9	8	6	5	2	5	6
Maximum velocities (exceeding ___ miles) direction and time																								

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

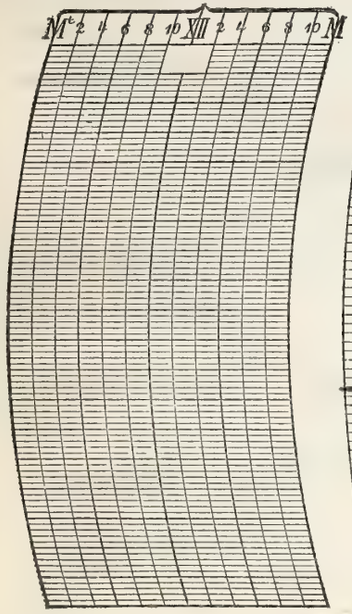
Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
91	64	78	

Total depth of snow for 24 hours ending ___ p. m., ___ inches.
Snow, sleet, and hail on ground ___ p. m., ___ inches.
Total snowfall, midnight to midnight, ___ inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, ___ inches.
Character of day, Pt. Cloudy Moon phase, L.Q.
Average daily cloudiness (0–10), ___
Actual sunshine, hours, 11.2 Possible sunshine, hours, 14.
Per cent of possible sunshine, 77
Prevailing wind direction, NW Total wind 158
Average hourly velocity, 5.3 Extreme velocity, 12
Maximum velocity, 12 Direction, NW
Time began, 3:20 a
Reduced barometer, 29.01 a. m. 29.00 p. m.
River gage, 8.3
Relative humidity, 72 a. m. ___ p. m.

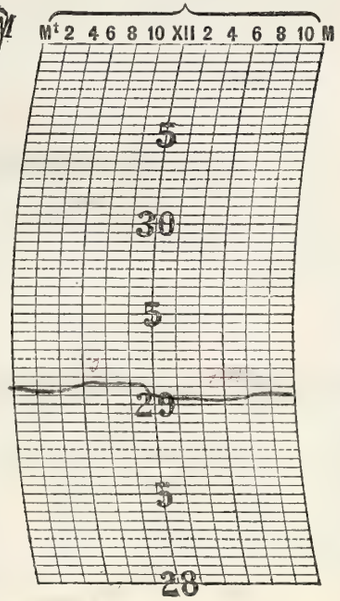
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 87.2 Wet temperature, 64.0
Dew-point, 49 R. humidity, 27 V. pressure, .3513
Clouds: Amount, 1; Kind, Ci; Direction, ___
Velocity of clouds (miles per hour) ___

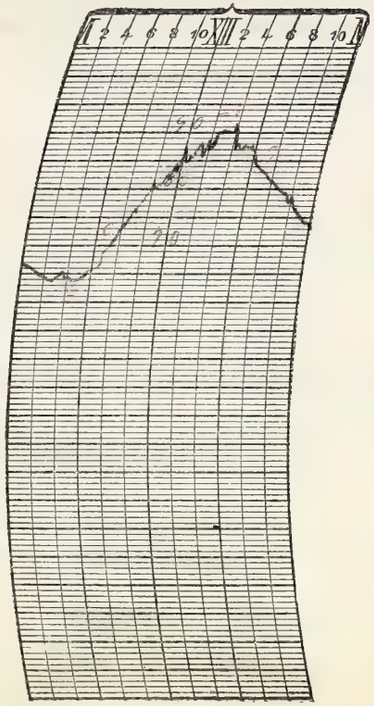
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

Partly cloudy and very warm. The minimum temperature was the highest recorded for that month.

Prepared by ___

Verified by U. S. P. C. Marvin

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Thursday, (Date) [illegible] 1920, 192

Time (local standard). mer. normal time.	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	72	70	69	69	68	72	[illegible]	81	83	86	88	[illegible]	90	91	92	92	[illegible]	[illegible]	87	83	80	78	76	75
State of weather. Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions					Clear								Clear							Pt Cloudy				
Sunrise: Time, Character,	4:08	Clear																						
Moonrise:	—																							
Sunset: Time, Character,																					7:12	Cloudy		
Moonset:																					12:38			
Sunshine (in tenths of hours)					.87 0	0.4	1.0	1.0	1.0	1.0	[illegible]	[illegible]	1.0	1.0	1.0	1.0	1.0	1.0	0.1	0				
Wind direction	W	SW	SW	SW	SW	SW	W	W	W	W	W	W	SW	SW	SW	SW	SW	SW	SW	W	SW	SW	SW	SW
Wind movement	7	8	7	1	7	6	1	6	6	8	[illegible]	[illegible]	10	13	15	15	15	13	8	7	8	8	10	9
Maximum velocities (exceeding ___ miles) direction and time																								

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
92	68	[illegible]	

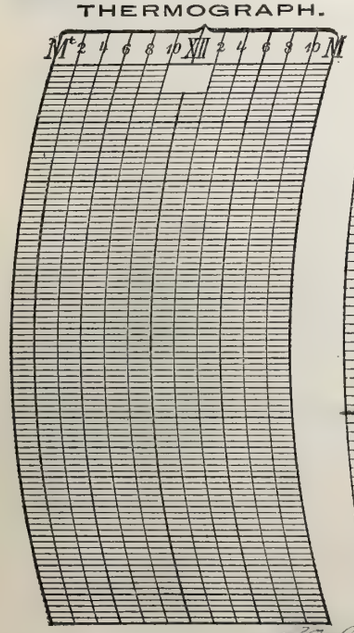
Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to ___ p. m., ___ ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Clear Moon phase, 1
Average daily cloudiness (0-10), 1
Actual sunshine, hours, 14.0 Possible sunshine, hours, 15.[illegible]
Per cent of possible sunshine, 93
Prevailing wind direction, SW Total wind 224
Average hourly velocity, 9.3 Extreme velocity, 12
Maximum velocity, 17 Direction, SW
Time began, 3:03 pm.
Reduced barometer, 30.01 a. m. 29.95 p. m.
River gage, 25.4
Relative humidity, 73 a. m. ___ p. m.

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

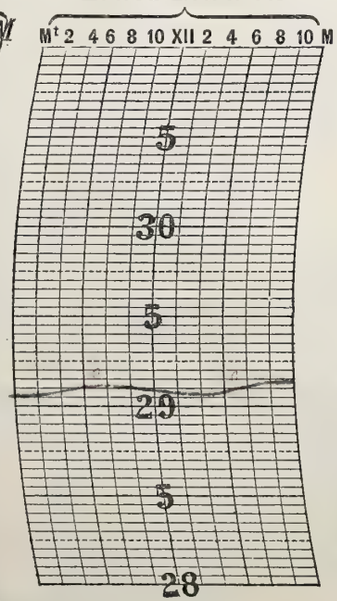
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 88.1 Wet temperature, 74.0
Dew-point, 68 R. humidity, 52 V. pressure, .68
Clouds: Amount, 1; Kind, Cu; Direction, [illegible]
Velocity of clouds (miles per hour)

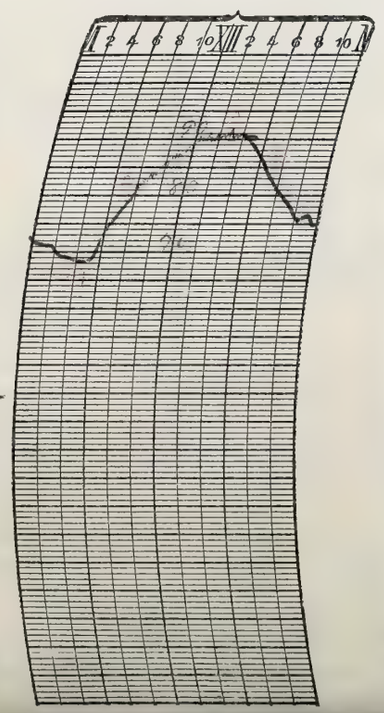
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

A clear and warm day with an abundance of sunshine.

Prepared by [illegible]
Verified by [illegible]

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) West Warren Ind, (Day of week) Friday, (Date) JUN 11 1920, 192

Time (local standard). ____ mer. normal time.

A. M.	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	73	72	70	68	68	70	77	80	84	86	87	90
Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions	Clear									Pt. Cloudy		
Sunshine (in tenths of hours)					.87 0	0.6 0.4	1.0	1.0	1.0	1.0	1.0	1.0
Wind direction	SW	SW	SW	SW	SW	SW	SW	W	W	W	W	W
Wind movement	8	8	11	8	7	9	10	11	12	13	15	14

P. M.	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	90	91	91	92	91	90	88	84	81	81	78	76
Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions					Clear							?
Sunshine (in tenths of hours)	1.0	1.0	1.0	1.0	1.0	1.0	0.8 0.2	.22				
Wind direction	W	W	W	W	W	W	SW	SW	SW	SW	NW	NW
Wind movement	14	12	15	13	10	9	7	6	6	9	7	3

Sunrise: Time, 4:08 Character, Clear

Moonrise: 12:28a

Sunset: Time, 7:13 Character, Clear

Moonset: 1:44p

Maximum velocities (exceeding ____ miles) direction and time.

Excessive precipitation, accumulated amounts.

Total duration. From—	Total duration. To—	Total amount of precipitation.	Excessive rate. Began—	Excessive rate. Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
92	68	80	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow, sleet, and hail on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Clear Moon phase, ____

Average daily cloudiness (0-10), 2

Actual sunshine, hours, 15.1 Possible sunshine, hours, 15.1

Per cent of possible sunshine, 100

Prevailing wind direction, SW + W Total wind 233

Average hourly velocity, 9.7 Extreme velocity, 15

Maximum velocity, 15 Direction, ____

Time began, 10:23 a.m.

Reduced barometer, 30.10 7 a. m. 30.04 7 p. m.

River gage, 2.41

Relative humidity, 70 7 a. m. 34 p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

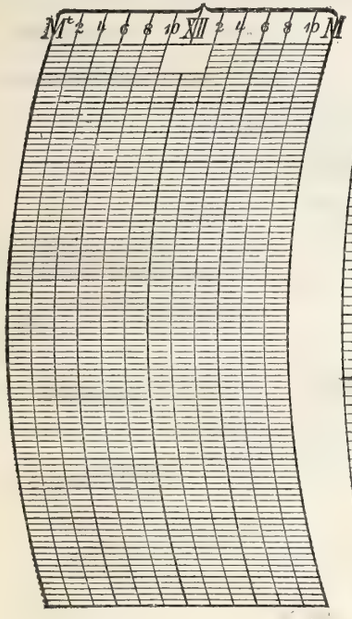
Dry temperature, 87.8 Wet temperature, 76.0

Dew-point, 71 R. humidity, 58 V. pressure, .750

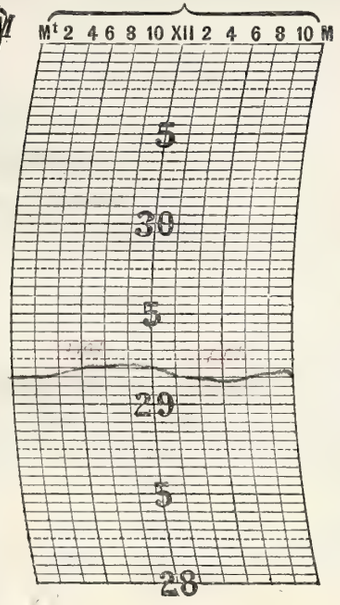
Clouds: Amount, 5; Kind, Cu; Direction, ____

Velocity of clouds (miles per hour) ____

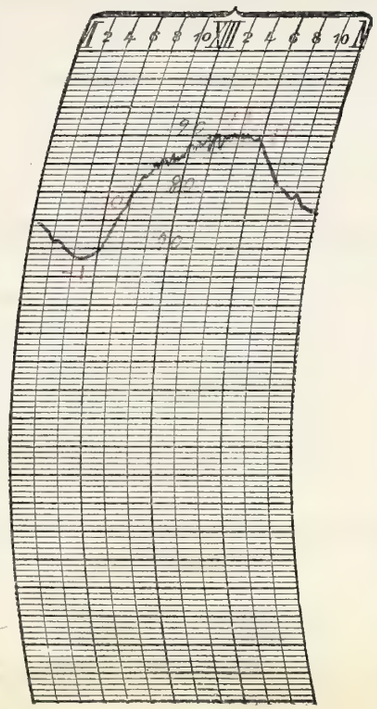
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

Lightning due to heat was observed in N.W. frequently during the night, commencing 2 hour before

Prepared by [illegible]

Verified by [illegible]

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Saturday, (Date) JUN 1 1912, 192

Time (local standard). 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	75	74	74	72	71	73	75	81	84	87	88	90
State of weather: Nature of precipitation and time of beginning and ending	RB LDR											
Amounts of precipitation	T											
Cloudiness and other conditions	7			Pt Cloudy				×	Clear	×	Pt Cloudy	
Sunrise: Time, Character,	4:08 Cloudy											
Moonrise:	Last											
Sunshine (in tenths of hours)	1				0	0	0.2	1.0	1.0	1.0	1.0	1.0
Wind direction	S	E	S	SW	SW	W	W	W	NW	NW	W	W
Wind movement	4	3	5	8	8	3	7	7	10	11	12	14
Maximum velocities (exceeding 29 miles) direction and time												

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	91	91	92	92	92	90	88	83	82	79	74	76
Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions							Clear					
Sunset: Time, Character,									7:13 Clear			
Moonset:									2			
Sunshine (in tenths of hours)	1.0	1.0	1.0	1.0	1.0	1.0	0.7 .22 0.3	0				
Wind direction	W	W	W	W	W	W	W	W	SW	SW	SW	SW
Wind movement	13	14	18	16	15	12	7	7	8	8	12	12
Maximum velocities (exceeding 29 miles) direction and time												

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
92	71	82	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., T ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, T inches.
Character of day, Clear Moon phase,
Average daily cloudiness (0-10), 3
Actual sunshine, hours, 12.9 Possible sunshine, hours, 15
Per cent of possible sunshine, 85
Prevailing wind direction, W Total wind 233
Average hourly velocity, 9.8 Extreme velocity, 22
Maximum velocity, 20 Direction, W
Time began, 2:26 p.m.
Reduced barometer, 29.09 a. m. 29.28 p. m.
River gage, 2.47
Relative humidity, 78 7 a. m. 41 7 p. m.

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

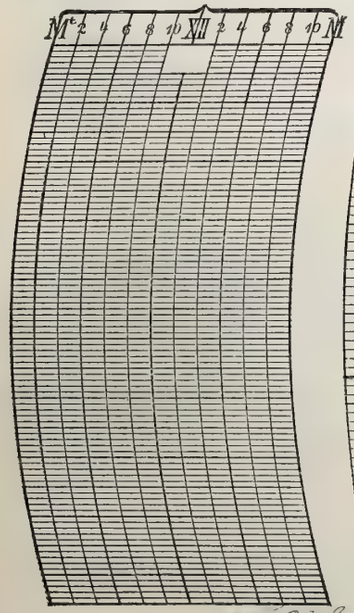
Accumulated depths during excessive rate, for consecutive periods of time indicated below.

Excessive precipitation, accumulated amounts

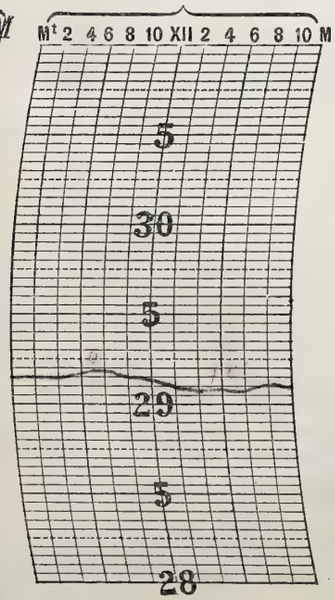
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 88.6 Wet temperature, 73.0
Dew-point, 66 R. humidity, 48 V. pressure, .638
Clouds: Amount, 4; Kind, Cu; Direction, NW
Velocity of clouds (miles per hour)

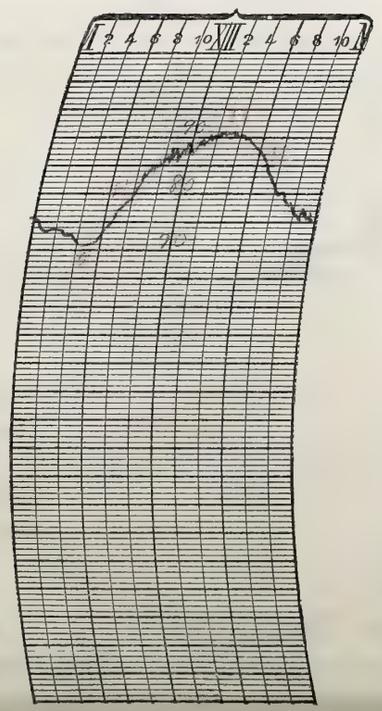
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

A light shower of rain occurred between 12 midnight and one a.m.

Prepared by C.A.S.
Verified by P. H. Lemmon

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne Ind, (Day of week) Sunday, (Date) JUN 13 1920, 192

Time (local standard). 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	75	73	69	68	68	72	74	80	83	86	88	89	89	90	91	91	90	87	82	74	79	76	76	74
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions				Clear				×	Pt. Cloudy		×			Pt. Cloudy				×	Cloudy					
Sunshine (in tenths of hours)					.87 0	0.7 0.7	1.0 1.0	1.0 1.0	1.0 1.0	1.0 1.0	1.0 1.0	1.0 1.0	1.0 1.0	1.0 1.0	1.0 1.0	1.0 1.0	1.0 1.0	0.6 0	0 0	0 0				
Wind direction	SW	SW	SW	SW	SW	SW	W	W	SW	SW	W	W	W	W	W	NW	W	NW	NW	S	SW	S	S	S
Wind movement	9	8	9	10	9	8	8	9	10	11	11	10	12	13	14	12	12	9	5	4	4	3	5	6
Maximum velocities (exceeding 26 miles) direction and time																								

Sunrise: Time, 4:08 Character, Clear

Moonrise: 1:41a

Sunset: Time, 7:14 Character, Cloudy

Moonset: 4:03p

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
91	68	80	✓

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow, sleet, and hail on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Pt. Cloudy Moon phase,

Average daily cloudiness (0-10),

Actual sunshine, hours, 13.5 Possible sunshine, hours, 15

Per cent of possible sunshine, 89

Prevailing wind direction, SW Total wind

Average hourly velocity, 8.7 Extreme velocity, 16

Maximum velocity, 15 Direction,

Time began, 4:07 pm

Reduced barometer, 30.64 a. m. 29.82, p. m.

River gage, 5.45 ft.

Relative humidity, 65 a. m. 55 p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

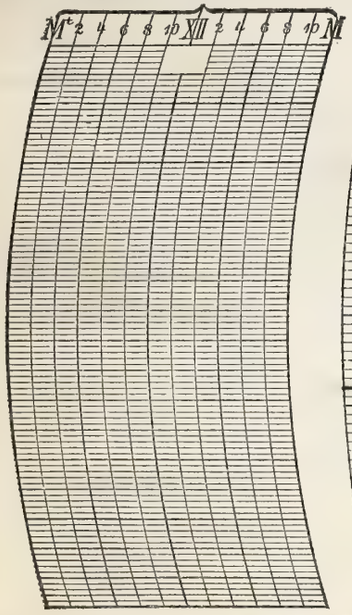
Dry temperature, 88.8 Wet temperature, 74.0

Dew-point, 68 R. humidity, 60 V. pressure, .684

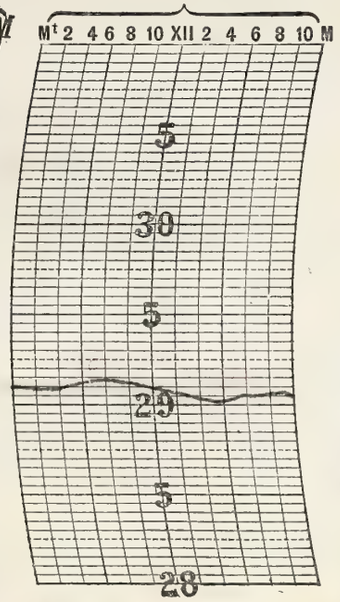
Clouds: Amount, 6; Kind, Strat; Direction,

Velocity of clouds (miles per hour)

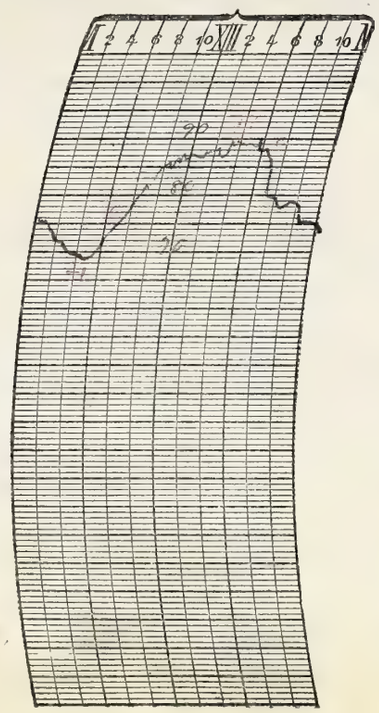
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

A partly cloudy day. The heat throughout the day was rather oppressive though there was a steady breeze. A solar halo was observed from 11:00am till 11:15pm. The luminosity was of 22° radius and bright throughout the period of visibility. The colors were red, orange, yellow, green, blue and violet. Rain was observed to the east of the station at 6:40pm.

A thunderstorm which began at 6:15pm, ending during night pm, moved west to east and was light in character.

Prepared by

Verified by

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Monday, (Date) JUN 1 4 1909, 192

Time (local standard). mer. normal time.	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	73	73	73	72	71	64	[illegible]	71	74	78	82	82
State of weather. Nature of precipitation and time of beginning and ending				RB DNA					RE 8:04			
Amounts of precipitation				T	T	T	T	T				
Cloudiness and other conditions				Cloudy					Bi. Cloudy			
Sunrise: Time, Character,	4:08 Cloudy											
Moonrise:	2:26a											
Sunshine (in tenths of hours)					0	0	0	0	0	1.0	1.0	[illegible]
Wind direction	SW	W	W	W	[illegible]	NW	[illegible]	N	E	SE	SE	S
Wind movement	8	6	9	11	8	5	4	5	4	4	5	7
Maximum velocities (exceeding 42 miles) direction and time												

Time (local standard). mer. normal time.	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	86	88	86	68	68	72	72	71	71	71	70	70
State of weather. Nature of precipitation and time of beginning and ending				RB RB 3:25		RE 5:20	RB 6:38		RE 8:25p	RB DNP		
Amounts of precipitation				.22	.09	T	T	.03	T	T	T	.02
Cloudiness and other conditions				Cloudy								
Sunset: Time, Character,									7:14 Cloudy			
Moonset:									5:13a			
Sunshine (in tenths of hours)	1.0	1.0	0.2	0	0	0	0	0				
Wind direction	SE	SE	S	NW	NE	S	SW	SW	S	SW	SW	SW
Wind movement	7	6	6	12	5	6	7	6	6	3	5	6
Maximum velocities (exceeding 42 miles) direction and time				34 SW 3:25								

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
88	67	78	

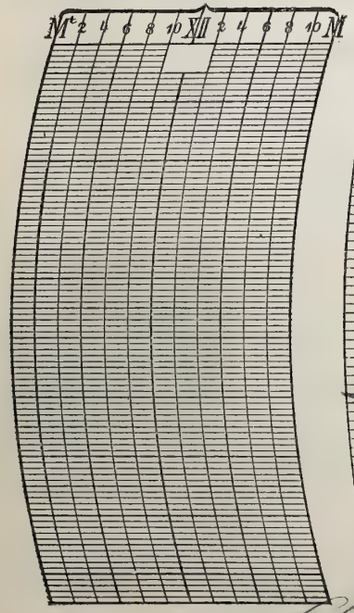
Total depth of snow for 24 hours ending 7 p. m., ____ inches.
Snow, sleet, and hail on ground 7 p. m., ____ inches.
Total snowfall, midnight to midnight, ____ inches.
Precipitation to 7 a. m., T ins.; to 7 p. m., ____ ins.
Total precipitation, midnight to midnight, 19 inches.
Character of day, Cloudy Moon phase, ____
Average daily cloudiness (0-10), ____
Actual sunshine, hours, 5.2 Possible sunshine, hours, 13.
Per cent of possible sunshine, 34
Prevailing wind direction, SW Total wind ____
Average hourly velocity, 6.3 Extreme velocity, ____
Maximum velocity, 34 Direction, ____
Time began, 3:25pm
Reduced barometer, 30.02 7 a. m. 29.91 7 p. m.
River gage, 2.3
Relative humidity, 84 7 a. m. 88 7 p. m.

	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts	3:25p	5:20p	.86	3:33p	3:58p	.03	.19	.49	.60	.73										

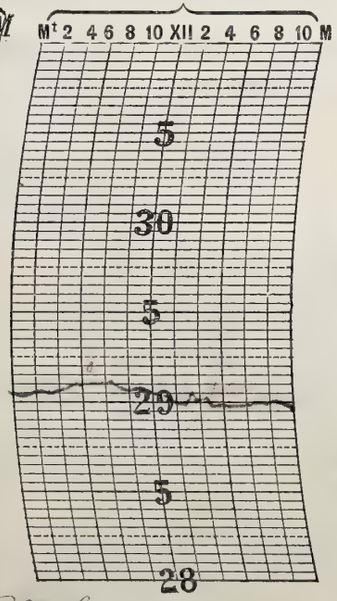
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 83.0 Wet temperature, 71.0
Dew-point, 65 R. humidity, 56 V. pressure, [illegible]
Clouds: Amount, 6; Kind, Ast; Direction, [illegible]
Velocity of clouds (miles per hour)

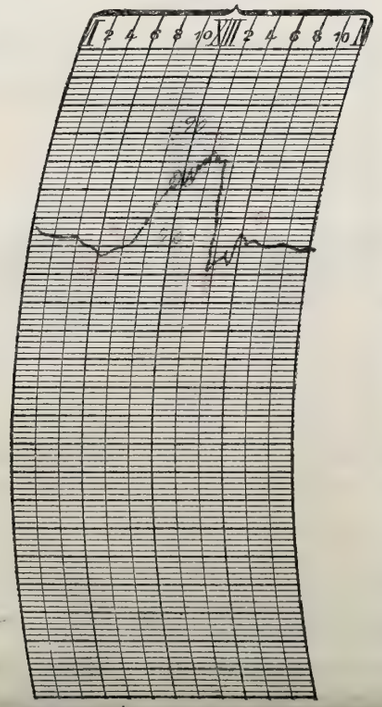
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

A cloudy and warm day which ended with rain. A thunderstorm commenced at 3:05pm and last. Thunder was heard at 5:20pm. The storm was of moderate intensity accompanied by a moderately heavy fall of rain and marked the commencement

Prepared by C.O.S.
Verified by F. McKenney

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Tuesday, (Date) JUN 15 1920, 192

Time (local standard). 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	69	69	68	68	68	70	73	77	[illegible]	[illegible]	[illegible]	[illegible]
State of weather: Nature of precipitation and time of beginning and ending		RE DNA										
Amounts of precipitation	.02	.01										
Cloudiness and other conditions	?				Pt. Cloudy			→	Clear			→
Sunrise: Time, Character,	4:08 Clear											
Moonrise:	3:41a											
Sunshine (in tenths of hours)					.87 0	0.2 0.8	0.8	1.0	1.0	1.0	1.0	1.0
Wind direction	SW	SW	SW	SW	SW	W	W	W	W	W	W	W
Wind movement	8	11	11	8	8	9	10	10	9	12	12	7

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	83	80	79	80	80	80	87	81	80	80	78	
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions				Pt. Cloudy								?
Sunset: Time, Character,									7:14 Cloudy			
Moonset:									6:21p			
Sunshine (in tenths of hours)	1.0	1.0	1.0	1.0	1.0	1.0	0	0				
Wind direction	NW	W	W	SW	SW	SW	SW	S	S	SW	SW	SW
Wind movement	11	12	11	11	10	9	7	8	9	11	12	10

Maximum velocities (exceeding 19 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

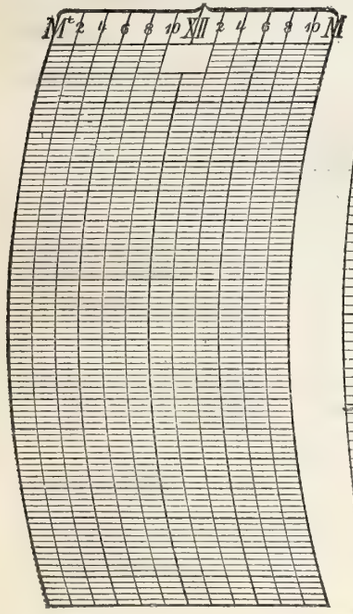
Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
[illegible]	[illegible]	[illegible]	

Total depth of snow for 24 hours ending 7 p. m., — inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., .08 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, .03 inches.
Character of day, Pt. Cloudy Moon phase,
Average daily cloudiness (0-10),
Actual sunshine, hours, 13.2 Possible sunshine, hours, 15
Per cent of possible sunshine, 91
Prevailing wind direction, SW Total wind 240
Average hourly velocity, 10.0 Extreme velocity, 14
Maximum velocity, 14 Direction, NW
Time began, 9:53 a.m.
Reduced barometer, 29.84 7 a. m. 29.75 7 p. m.
River gage, 9.34
Relative humidity, 83 7 a. m. 52 7 p. m.

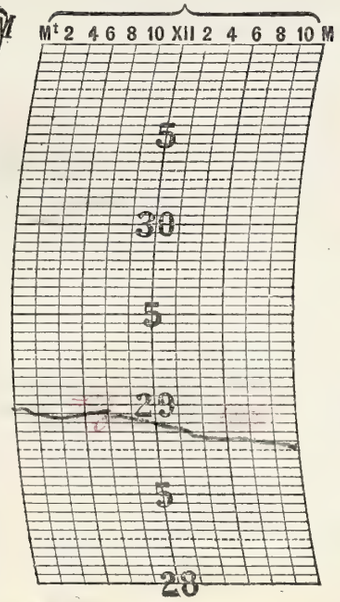
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 87.0 Wet temperature, 72.2
Dew-point, 65 R. humidity, 49 V. pressure, .616
Clouds: Amount, 3; Kind, Cu; Direction,
Velocity of clouds (miles per hour)

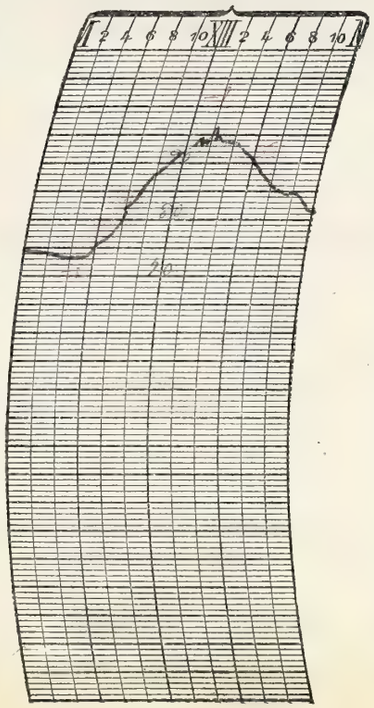
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

A fairly cloudy day with moderately high temperatures from the daylight hours. The heart was somewhat oppressive but towards the evening it was more pleasant and comfortable.

Prepared by

Verified by

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Wednesday, (Date) JUN [illegible], 192

Time (local standard). 90th mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	76	75	75	74	74	75	75	79	81	85	86	88
State of weather: Nature of precipitation and time of beginning and ending							RB 6:58	R- 7:08				
Amounts of precipitation							T	T				
Cloudiness and other conditions	8	Cloudy							Pt. Cloudy			
Sunrise: Time, Character,	4:08 Cloudy											
Moonrise:	4:21a											
Sunshine (in tenths of hours)					0	0	0	6.8	1.0	1.0	1.0	1.0
Wind direction	SW	SW	SW	SW	SW	SW	N	N	SW	SW	W	W
Wind movement	10	11	11	10	10	9	7	3	8	13	[illegible]	[illegible]
Maximum velocities (exceeding 29 miles) direction and time												

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	87	88	88	[illegible]	87	[illegible]	72	66	63	62	60	60
State of weather: Nature of precipitation and time of beginning and ending						HB 5:12 RE 5:40	HB 6:15	RE 8:00		RB 9:05	RE 9:20	
Amounts of precipitation						.05	.25	.06		.02	T	
Cloudiness and other conditions	Clear		Pt. Cldy				Cloudy					
Sunset: Time, Character,									7:15 Cloudy			
Moonset:									7:22p			
Sunshine (in tenths of hours)	1.0	1.0	1.0	1.0	0.2	[illegible]	0	[illegible]				
Wind direction	SW	SW	SW	SW	SW	SW	W	SW	SW	S	SW	SW
Wind movement	16	19	21	20	20	13	14	7	5	6	8	9
Maximum velocities (exceeding 29 miles) direction and time							33 W 6:47					

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.

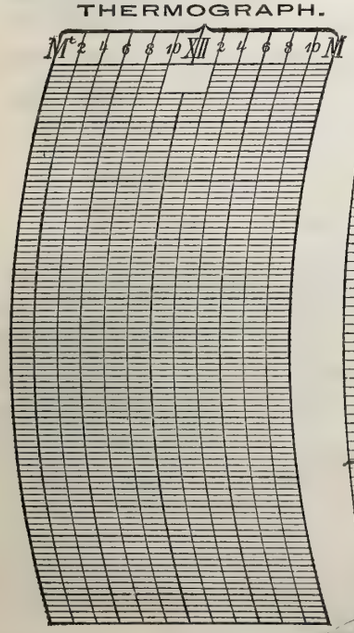
Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground ____ p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., .06 ins.
Total precipitation, midnight to midnight, .31 inches.
Character of day, Pt. Cloudy Moon phase, New
Average daily cloudiness (0-10), 7
Actual sunshine, hours, 9.0 Possible sunshine, hours, 15.1
Per cent of possible sunshine, 60
Prevailing wind direction, SW Total wind 272
Average hourly velocity, 11.3 Extreme velocity, 52
Maximum velocity, 33 Direction, W
Time began, 6:47 pm
Reduced barometer, 29.65 a. m. 29.54 p. m.
River gage, 2.7 Rise
Relative humidity, 75 a. m. 84 p. m.

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

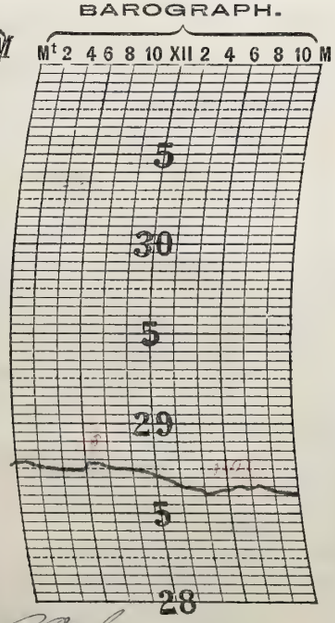
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 86.8 Wet temperature, 73.0
Dew-point, 67 R. humidity, 52 V. pressure, .661
Clouds: Amount, 7; Kind, Ast; Direction, N
Velocity of clouds (miles per hour)

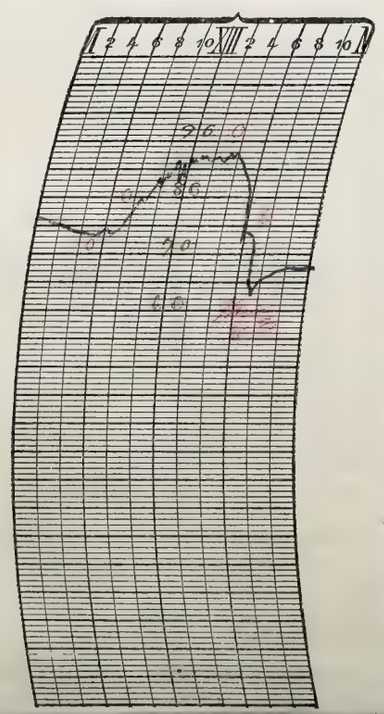
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



Prepared by [illegible]
Verified by [illegible]

8—486

NOTES.

A thunderstorm occurred this morning commencing at 6:21 am, and last thunder was heard at 6:53 am, the storm moved from the west and was accompanied by a very light shower of rain.

A thunderstorm which commenced at 5:05 pm coming from the west was of moderate intensity and was accompanied by a moderate rainfall with a driving shower of rain shortly before seven pm, which continued for about 10 minutes. Last thunder was heard during night pm. Considerable damage was reported and one death from the county attributed as a result of the storm.

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne Ind, (Day of week) Thursday, (Date) JUN 17 1920, 192

Time (local standard). 90° mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	68	68	67	61	59	56	55	52	53	58	60	60
Nature of precipitation and time of beginning and ending		RB DNA			RE DNA		RB 6:05		RE 8:40			
Amounts of precipitation		T	.13	.04	T		.01	.01	T			
Cloudiness and other conditions	Cloudy											
Sunshine (in tenths of hours)					0	0	0	0	0	0	0.1	0.6
Wind direction	SW	SW	SW	N	N	N	N	N	N	N	N	N
Wind movement	8	11	13	13	15	13	12	12	12	13	15	16

Sunrise: Time, 4:08 Character, Cloudy
Moonrise: 5:29 p.

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	62	64	63	63	63	62	62	58	56	55	54	53
Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions	Cloudy								Clear			
Sunshine (in tenths of hours)	1.0	1.0	1.0	0.6	0.4	0	0.8	0.25				
Wind direction	N	N	N	N	N			NW	NW	NW	NW	NW
Wind movement	16	15	13	12	12	10	8	7	7	5	3	1

Sunset: Time, 7:15 Character, Clear
Moonset: 8:16 p.

Maximum velocities (exceeding 29 miles) direction and time.

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

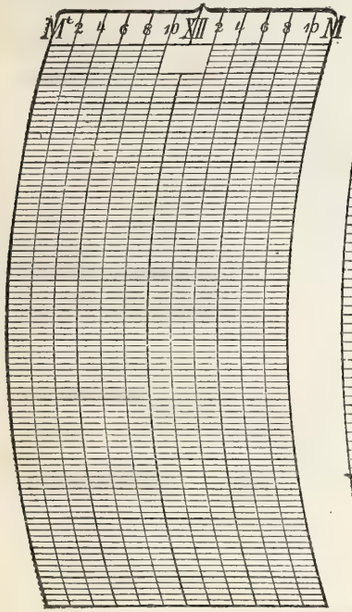
Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
68	52	59.0	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., .49 ins.; to 7 p. m., .00 ins.
Total precipitation, midnight to midnight, .49 inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0-10), 8
Actual sunshine, hours, 5.8 Possible sunshine, hours,
Per cent of possible sunshine, 58
Prevailing wind direction, N Total wind
Average hourly velocity, 11.5 Extreme velocity,
Maximum velocity, 20 Direction, N
Time began, 4:40 p.
Reduced barometer, 29.62 7 a. m. 29.62 7 p. m.
River gage, 2.5
Relative humidity, 88 7 a. m. p. m.

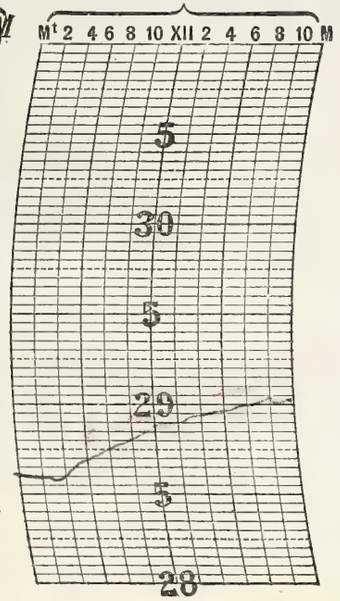
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 60.0 Wet temperature, 54.0
Dew-point, 49 R. humidity, 68 V. pressure, .34
Clouds: Amount, 9; Kind, Strat; Direction,
Velocity of clouds (miles per hour)

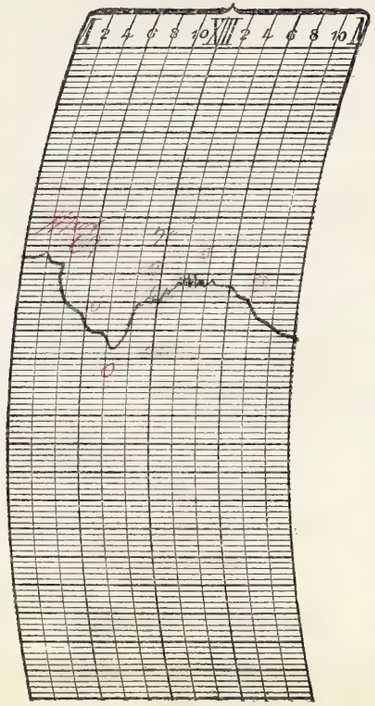
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

Spherical moon halo from 7.25 p.m. to 8 p.m. called for by Lawrence Weather. A rather cool and pleasant day.

Prepared by

Verified by

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) [illegible], (Day of week) Friday, (Date) JUN 1 1920, 192

Time (local standard). mer. normal time.	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	55	52	52	52	52	[illegible]	55	57	[illegible]	[illegible]	[illegible]	[illegible]	71	72	72	[illegible]	70	[illegible]	68	64	63	[illegible]	[illegible]	[illegible]
State of weather. Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions	?			Cloudy				* Pt Cldy			Clear		* Pt Cldy					Clear						
Sunrise: Time, Character,	4:55 Cloudy																				Sunset: Time, Character, 7:15 Clear			
Moonrise:	6:58 PM																				Moonset: 9:02 PM			
Sunshine (in tenths of hours)					0	0	0	0.7	[illegible]	[illegible]	[illegible]	[illegible]	1.0	1.0	1.0	[illegible]	[illegible]	[illegible]	0	[illegible]				
Wind direction	NW	NW	N	N	NW	NW	N	N	N	[illegible]	[illegible]	[illegible]	N	N	NE	N	NE	NE	NE	NE	NE	E	E	E
Wind movement	6	5	4	1	5	5	5	8	9	9	10	[illegible]	12	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	6	[illegible]	11	9	[illegible]	[illegible]
Maximum velocities (exceeding 32 miles) direction and time																								

	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																				

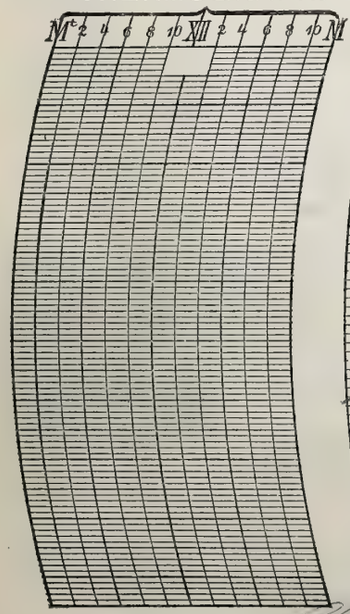
Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.

Total depth of snow for 24 hours ending 7 p. m., [illegible] inches.
Snow, sleet, and hail on ground [illegible] p. m., [illegible] inches.
Total snowfall, midnight to midnight, [illegible] inches.
Precipitation to [illegible] a. m., [illegible] ins.; to [illegible] p. m., [illegible] ins.
Total precipitation, midnight to midnight, [illegible] inches.
Character of day, [illegible] Moon phase, [illegible]
Average daily cloudiness (0–10), [illegible]
Actual sunshine, hours, 11.6 Possible sunshine, hours, [illegible]
Per cent of possible sunshine, [illegible]
Prevailing wind direction, [illegible] Total wind [illegible]
Average hourly velocity, [illegible] Extreme velocity, [illegible]
Maximum velocity, 14 Direction, [illegible]
Time began, [illegible]
Reduced barometer, [illegible] a. m. [illegible], p. m.
River gage, [illegible]
Relative humidity, [illegible] a. m. [illegible] p. m.

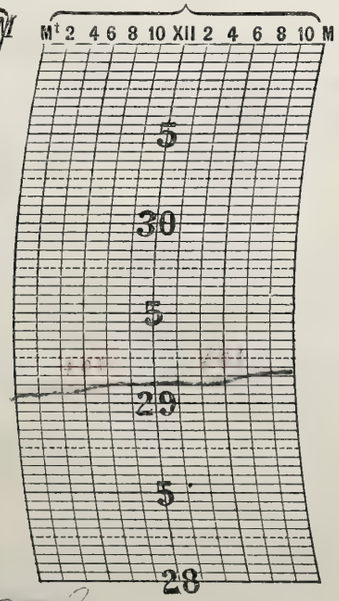
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 68.2 Wet temperature, 56.8
Dew-point, 48 R. humidity, 42 V. pressure, .334
Clouds: Amount, 4; Kind, Cu; Direction, [illegible]
Velocity of clouds (miles per hour) [illegible]

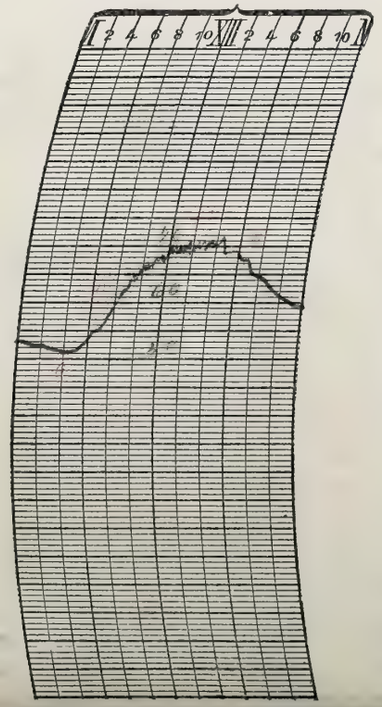
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

A fairly cloudy day which started very cool but the abundance of bright sunshine caused it to warm the air enough so that it turned out to be a very pleasant day.

Prepared by [illegible]
Verified by P. M. McDonough

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne Ind, (Day of week) Saturday, (Date) JUN 1 1920, 192

Time (local standard). 90 mer. normal time.

	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	52	56	55	55	55	[illegible]	61	60	58	[illegible]	[illegible]	[illegible]
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions	Clear									Pt. Cloudy		
Sunrise: Time, Character,	4:08 Clear											
Moonrise:	7:52a											
Sunshine (in tenths of hours)					0	0.1	0.9	1.0	1.0	1.0	1.0	1.0
Wind direction	E	E	N	N	N	NE	NE	NE	NE	NE	E	E
Wind movement	1	1	2	2	3	2	3	5	6	8	8	7

	P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	70	70	70	70	69	68	67	63	61	59	58	57
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions	Cldy						Pt. Cloudy					
Sunset: Time, Character,									2:16 Cloudy			
Moonset:									9:43p			
Sunshine (in tenths of hours)	1.0	1.0	0.8	0.1	0.9	0.7	0	0				
Wind direction	NE	NE	NE	E	E	E	E	E	E	E	N	N
Wind movement	8	8	11	10	10	9	5	4	5	5	6	7

Maximum velocities (exceeding 75 miles) direction and time.

Excessive precipitation, accumulated amounts

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
[illegible]	[illegible]	[illegible]	[illegible]

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow, sleet, and hail on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, ____ inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Pt. Cloudy Moon phase, ____

Average daily cloudiness (0–10), 4

Actual sunshine, hours, 13.4 Possible sunshine, hours, [illegible]

Per cent of possible sunshine, 89

Prevailing wind direction, E Total wind 131

Average hourly velocity, 5.5 Extreme velocity, [illegible]

Maximum velocity, [illegible] Direction, ____

Time began, 7:45 p.m.

Reduced barometer, 30.16 a. m. 30.08 p. m.

River gage, 4.6 Fall

Relative humidity, 71 a. m. 50 p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

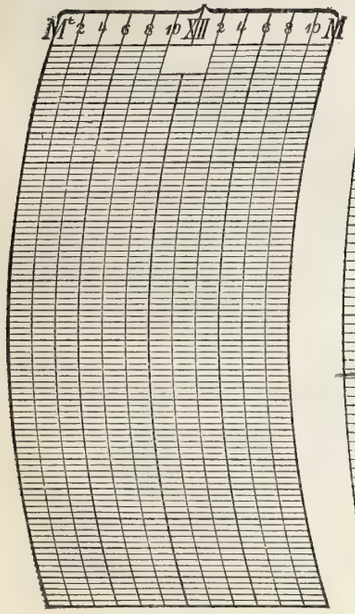
Dry temperature, 70.4 Wet temperature, 56.6

Dew-point, 46 R. humidity, 41 V. pressure, .310

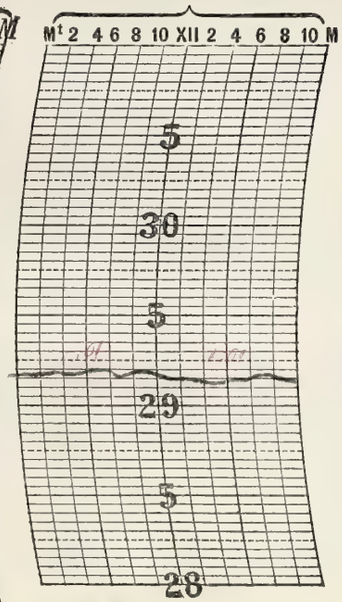
Clouds: Amount, 5; Kind, Cu; Direction, NNW

Velocity of clouds (miles per hour)

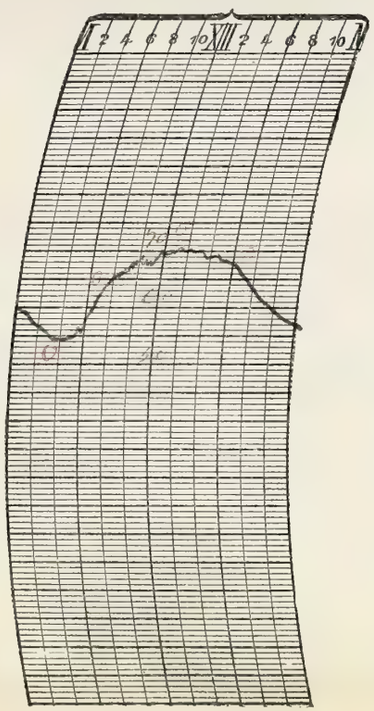
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

A fair, cloudy day with moderate temperature

Prepared by [illegible]

Verified by [illegible]

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Sunday, (Date) JUN 20 1920, 192

Time (local standard). mer. normal time.	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
State of weather. Nature of precipitation and time of beginning and ending									RB 8:53											RE 7:27				
Amounts of precipitation									T	T	.01	T	T	.02	.10	.10	.13	.04	.02	T				
Cloudiness and other conditions	?	Cloudy															Cloudy							?

Sunrise: Time, 4:03 Character, Clear

Moonrise: 9:02 P.

Sunset: Time, 7:16 Character, Cloudy

Moonset: 10:48 P.

	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Sunshine (in tenths of hours)					0	0	0	0	0	0	0	0	0	0	0	0		0	0	0				
Wind direction	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	N	N	NW	NNW	NNW	NW	NW	NW
Wind movement	7	6	8	7	9	7	9	9	11	8	9	11	13	11	11	7	8	13	12	14	13	12	12	13
Maximum velocities (exceeding 29 miles) direction and time																								

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow, sleet, and hail on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., [illegible] ins.

Total precipitation, midnight to midnight, [illegible] inches.

Character of day, Cloudy Moon phase,

Average daily cloudiness (0-10), [illegible]

Actual sunshine, hours, 0 Possible sunshine, hours, [illegible]

Per cent of possible sunshine, [illegible]

Prevailing wind direction, [illegible] Total wind [illegible]

Average hourly velocity, Extreme velocity,

Maximum velocity, 17 Direction,

Time began,

Reduced barometer, a. m. [illegible], p. m.

River gage, [illegible]

Relative humidity, [illegible] a. m. [illegible] p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

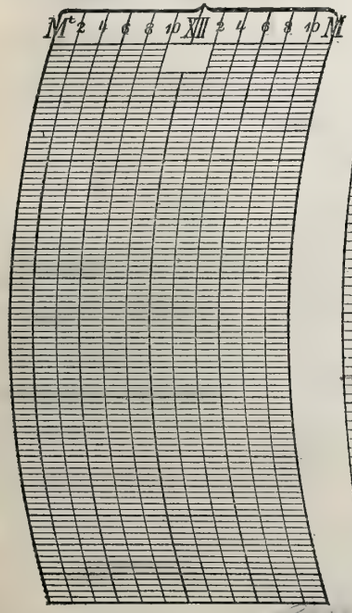
Dry temperature, 62.0 Wet temperature, [illegible]

Dew-point, 55 R. humidity, 79 V. pressure,

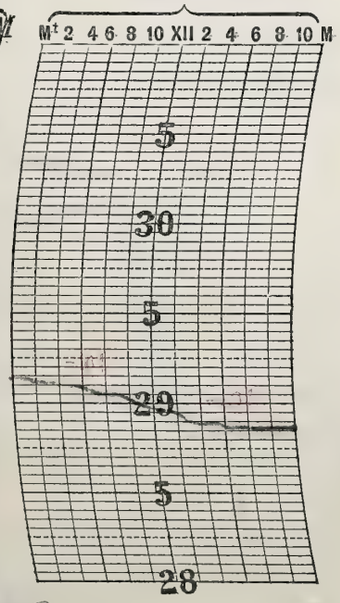
Clouds: Amount, 10; Kind, [illegible]; Direction,

Velocity of clouds (miles per hour)

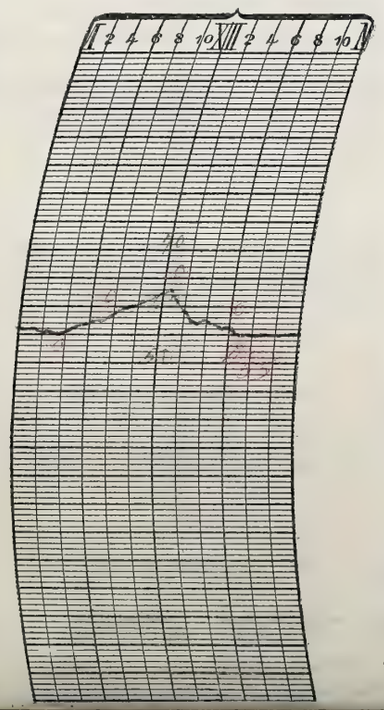
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

Prepared by [illegible]

Verified by [illegible]

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Monday, (Date) JUN 21 1920, 192

Time (local standard) 90th mer. normal time.

	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	55	54	[illegible]	54	[illegible]	[illegible]	59	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions					Clear						×	PtCloudy
Sunshine (in tenths of hours)					0	0.2	1.0	1.0	[illegible]	[illegible]		
Wind direction	NW	W	W	W	W	W	W	W	W	W	W	W
Wind movement	13	11	11	14	12	12	15	13	14	15	17	15

Sunrise: Time, 4:09; Character, Cloudy

Moonrise: 10:40a

	P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	79	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions			×	Cloudy	×	Cloudy	×	[illegible]			Clear	
Sunshine (in tenths of hours)	1.0	[illegible]										
Wind direction	W	[illegible]										
Wind movement	13	12	13	12	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]		

Sunset: Time, 7:16; Character, Clear

Moonset: 10:49p

Maximum velocities (exceeding 20 miles) direction and time

Total duration. From—	Total duration. To—	Total amount of precipitation.	Excessive rate. Began—	Excessive rate. Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
[illegible]			[illegible]

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow, sleet, and hail on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, ____ inches.

Precipitation to 7 a. m., T ins.; to 7 p. m., ____ ins.

Total precipitation, midnight to midnight, ____ inches.

Character of day, ____ Moon phase, ____

Average daily cloudiness (0-10), ____

Actual sunshine, hours, [illegible] Possible sunshine, hours, [illegible]

Per cent of possible sunshine, ____

Prevailing wind direction, ____ Total wind [illegible]

Average hourly velocity, ____ Extreme velocity, ____

Maximum velocity, ____ Direction, ____

Time began, ____

Reduced barometer, 29.84 7 a. m. ____, p. m.

River gage, 3.6 Feet

Relative humidity, 76 7 a. m. ____ p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

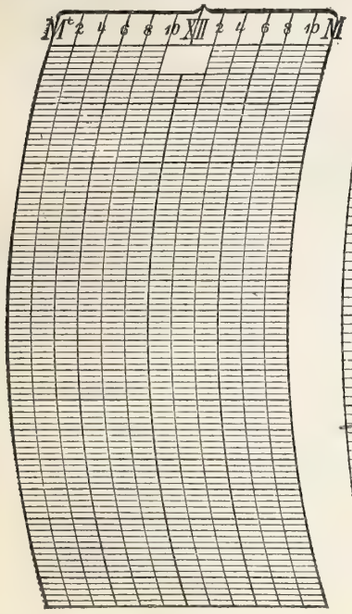
Dry temperature, 68.0 Wet temperature, 58.0

Dew-point, 50 R. humidity, 51 V. pressure, .36.0

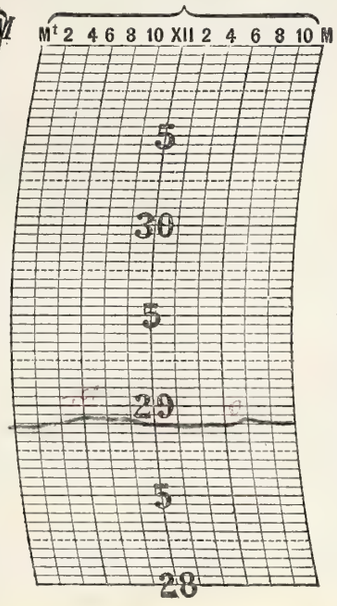
Clouds: Amount, 5; Kind, Cu; Direction, ____

Velocity of clouds (miles per hour) ____

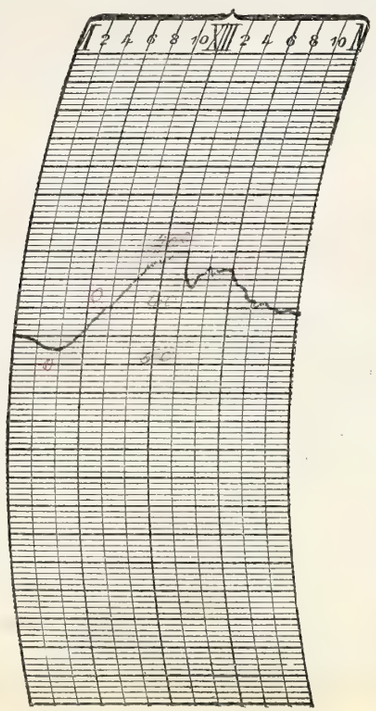
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

Summer weather (summer commences) this date. Special noon (75th Meridian Time) observation called for by the office. [illegible] moderate amount [illegible]

Prepared by ____

Verified by [illegible]

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Tuesday, (Date) JUN 1 1920, 192

Time (local standard). mer. normal time.	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	54	58	58	56	58				65	66	69	72	73	74	72	72	72	72		65 RB	63	62	62	61
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions				Cloudy						Pt Cloudy								Cloudy						
Sunrise: Time, Character,																								
Moonrise:																								
Sunset: Time, Character,																								
Moonset:																								
Sunshine (in tenths of hours)																								
Wind direction	SW	SW	SW	SW	SW	SW	SW	SW										S	S	SW				
Wind movement																								
Maximum velocities (exceeding ____ miles) direction and time																								

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

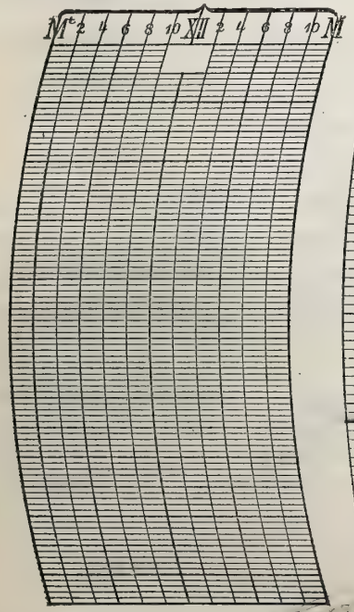
Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
74	58	66	

Total depth of snow for 24 hours ending ____ p. m., ____ inches.
Snow, sleet, and hail on ground 0 p. m., 0 inches.
Total snowfall, midnight to midnight, ____ inches.
Precipitation to 7 a. m., 7 ins.; to ____ p. m., ____ ins.
Total precipitation, midnight to midnight, ____ inches.
Character of day, Cloudy Moon phase, ____
Average daily cloudiness (0-10), ____
Actual sunshine, hours, 8.1 Possible sunshine, hours, 15
Per cent of possible sunshine, 57
Prevailing wind direction, SW Total wind ____
Average hourly velocity, 5.3 Extreme velocity, ____
Maximum velocity, ____ Direction, ____
Time began, ____ ____
Reduced barometer, 29.85 a. m. 29.84 p. m.
River gage, ____
Relative humidity, ____ a. m. ____ p. m.

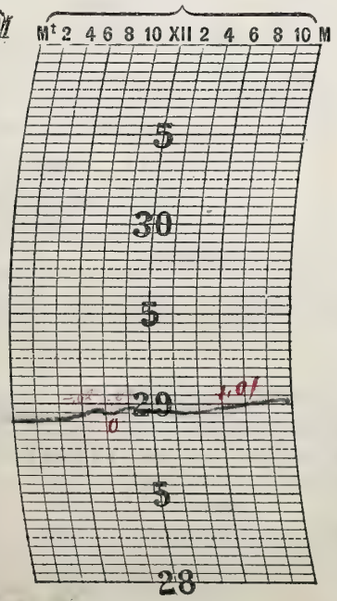
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 70.5 Wet temperature, 59.0
Dew-point, 51 R. humidity, 50 V. pressure, .375
Clouds: Amount, 5; Kind, Cu; Direction, ____
Velocity of clouds (miles per hour) ____

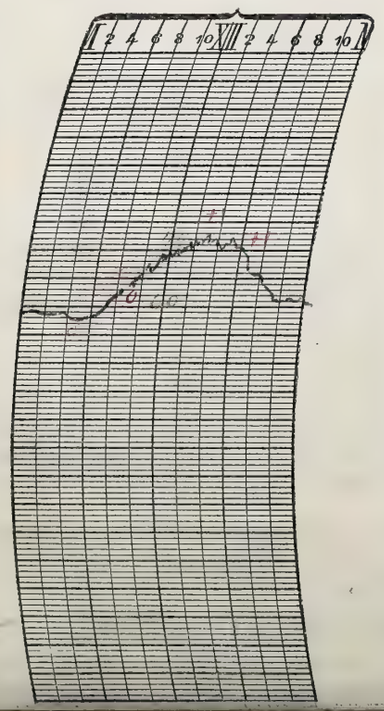
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

A fourthy cloudy day with moderate temperature and a very light shower at night.

Prepared by ____

Verified by ____

8—486

Form No. 1014—Met 1.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Wednesday, (Date) JUN 23 1920, 192

Time (local standard). mer. normal time.	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	60	60	57	58	57	54		66	68	70	72	72
State of weather. Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions									x-H. Cldy	x-Cloudy		
Sunrise: Time, Character, Moonrise:												
Sunshine (in tenths of hours)												
Wind direction	SW	W	W	W	W	W		N	W	W		
Wind movement												
Maximum velocities (exceeding miles) direction and time												

Time (local standard). mer. normal time.	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	70	72	75	75	73	73		66	63	62	61	
State of weather. Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions												
Sunset: Time, Character, Moonset:												
Sunshine (in tenths of hours)												
Wind direction	SW	SW	SW	W	SW	SW		S	S	S		
Wind movement												
Maximum velocities (exceeding miles) direction and time												

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
76	57	66	

Total depth of snow for 24 hours ending ____ p. m., ____ inches.
Snow, sleet, and hail on ground ____ p. m., ____ inches.
Total snowfall, midnight to midnight, ____ inches.
Precipitation to ____ a. m., ____ ins.; to ____ p. m., ____ ins.
Total precipitation, midnight to midnight, ____ inches.
Character of day, ____ Moon phase, ____
Average daily cloudiness (0-10), ____
Actual sunshine, hours, ____ Possible sunshine, hours, ____
Per cent of possible sunshine, ____
Prevailing wind direction, ____ Total wind ____
Average hourly velocity, ____ Extreme velocity, ____
Maximum velocity, ____ Direction, ____
Time began, ____
Reduced barometer, ____ a. m. ____, p. m.
River gage, ____
Relative humidity, ____ a. m. ____ p. m.

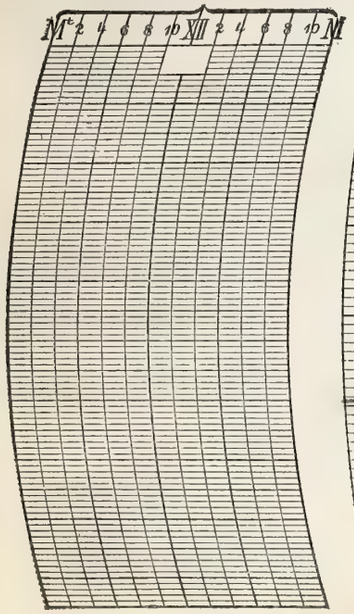
	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																				

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

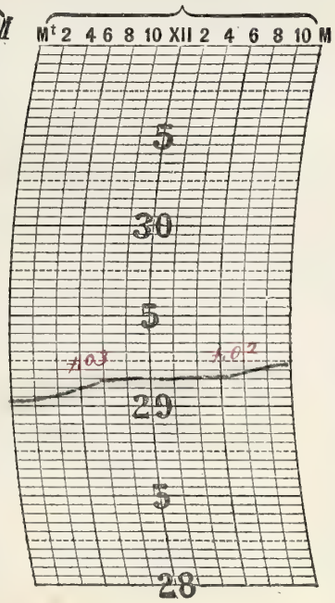
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, ____ Wet temperature, ____
Dew-point, ____ R. humidity, ____ V. pressure, ____
Clouds: Amount, ____; Kind, ____; Direction, ____
Velocity of clouds (miles per hour) ____

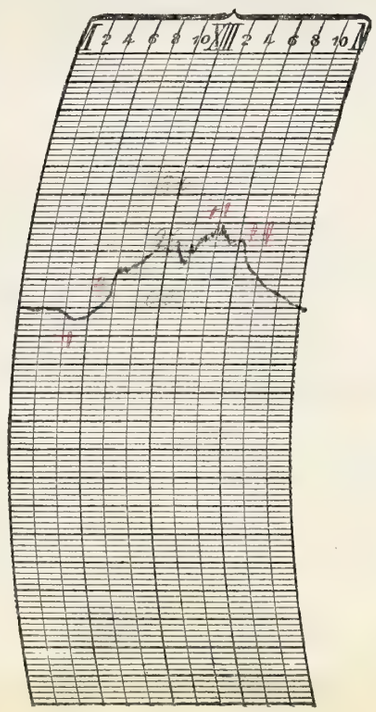
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

A fair day, cloudy and rainy. Pleasant day. [illegible]

Prepared by ____
Verified by ____

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Thursday, (Date) JUN 24 1920, 192

Time (local standard). 90 mer. normal time.

	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	59	58	58	59	60	62	[illegible]	67	69	72	74	75
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions	7					Clear						
Sunrise: Time, Character, Moonrise:												
Sunshine (in tenths of hours)					5	0	10	10	10	10	10	[illegible]
Wind direction	S	S	S	NW	N	S	S	S	S	NE	NE	N
Wind movement	3	3	6	8	5	4	3	5	3	5	5	1
Maximum velocities (exceeding ___ miles) direction and time												

	P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	76	77	78	77	75	74	73	71	69	68	64	63
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions						Clear						
Sunrise: Time, Character, Moonrise:										Sunset: Time, Character, Moonset:		
Sunshine (in tenths of hours)	[illegible]	[illegible]	[illegible]	[illegible]	0.7	9	0.3	0				
Wind direction	N	W	NW	NW	N	NE	E	E	E	E	E	E
Wind movement	6	5	7	7	8	9	5	4	2	1	1	1
Maximum velocities (exceeding ___ miles) direction and time												

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
79	58	[illegible]	

Total depth of snow for 24 hours ending ___ p. m., ___ inches.
Snow, sleet, and hail on ground ___ p. m., ___ inches.
Total snowfall, midnight to midnight, ___ inches.
Precipitation to ___ a. m., ___ ins.; to ___ p. m., ___ ins.
Total precipitation, midnight to midnight, ___ inches.
Character of day, Clear Moon phase, ___
Average daily cloudiness (0–10), ___
Actual sunshine, hours, ___ Possible sunshine, hours, ___
Per cent of possible sunshine, ___
Prevailing wind direction, ___ Total wind ___
Average hourly velocity, ___ Extreme velocity, ___
Maximum velocity, ___ Direction, ___
Time began, ___
Reduced barometer, ___ a. m. ___ p. m.
River gage, ___
Relative humidity, ___ a. m. ___ p. m.

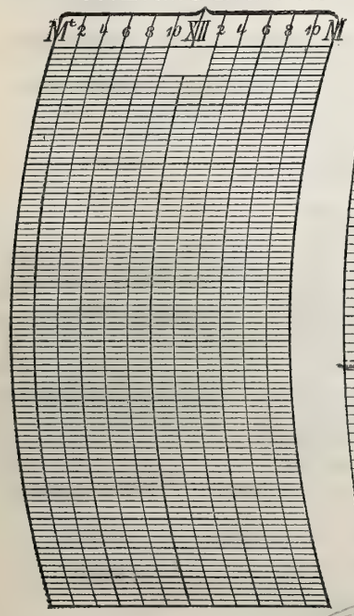
Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

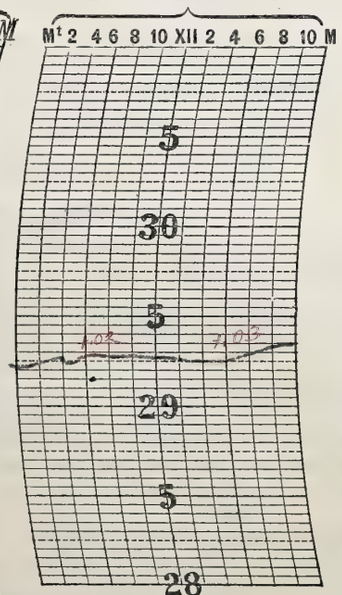
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, ___ Wet temperature, ___
Dew-point, ___ R. humidity, ___ V. pressure, ___
Clouds: Amount, ___; Kind, ___; Direction, ___
Velocity of clouds (miles per hour) ___

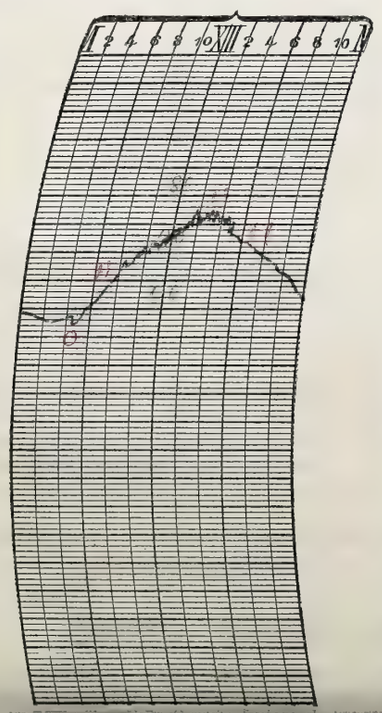
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

A clear and very pleasant day with an abundance of sunshine and moderate

Prepared by C.M.S.
Verified by F. McGonigle

8—486

Form No. 1014—Met'l.

Form No. 1014—Mec 1.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Friday, (Date) JUN 2 1920, 192

Time (local standard) 90 mer. normal time.

	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	62	60	59	57	60	63	[illegible]	73	[illegible]	[illegible]	70	[illegible]
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions	—	—	—	—	Clear	—	—	—	—	—	Pt Cloudy	—
Sunrise: Time, Character	4:15 Clear											
Moonrise:	3:17											
Sunshine (in tenths of hours)					0.5 0	0.4 0.4	1.0 1.0	1.0 1.0	[illegible]	[illegible]	[illegible]	[illegible]
Wind direction	E	E	E	E	E	E	E	E	E	SE	SE	SE
Wind movement	4	3	1	2	3	1	1	3	4	4	5	5
Maximum velocities (exceeding ___ miles) direction and time												

	P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	79	78	74	72	68	66	[illegible]	73	71	69	65	62
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions	—	—	—	—	—	—	Clear	—	—	—	—	—
Sunset: Time, Character									7:19 Clear			
Moonset:									4:13			
Sunshine (in tenths of hours)	0.3	1.0	1.0	1.0	[illegible]	[illegible]	1.0	1.0	[illegible]	[illegible]	[illegible]	[illegible]
Wind direction	E	E	E	SE	SE	SE	SE	SE	SE	[illegible]	[illegible]	[illegible]
Wind movement	5	5	6	4	4	5	5	5	5	4	3	2
Maximum velocities (exceeding ___ miles) direction and time												

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
80	57	68	

Total depth of snow for 24 hours ending ? p. m., ? inches.

Snow, sleet, and hail on ground ? p. m., ? inches.

Total snowfall, midnight to midnight, ? inches.

Precipitation to ? a. m., ? ins.; to ? p. m., ? ins.

Total precipitation, midnight to midnight, ? inches.

Character of day, Clear Moon phase, ?

Average daily cloudiness (0–10), ?

Actual sunshine, hours, 11.5 Possible sunshine, hours, 15.1

Per cent of possible sunshine, 76

Prevailing wind direction, ? Total wind ?

Average hourly velocity, ? Extreme velocity, ?

Maximum velocity, ? Direction, ?

Time began, ?

Reduced barometer, 29.4 ? a. m. 29.2, p. m.

River gage, 3.0 Feet

Relative humidity, 72 ? a. m. 43 p. m.

Excessive precipitation, accumulated amounts	Total duration. From—	Total duration. To—	Total amount of precipitation.	Excessive rate. Began—	Excessive rate. Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

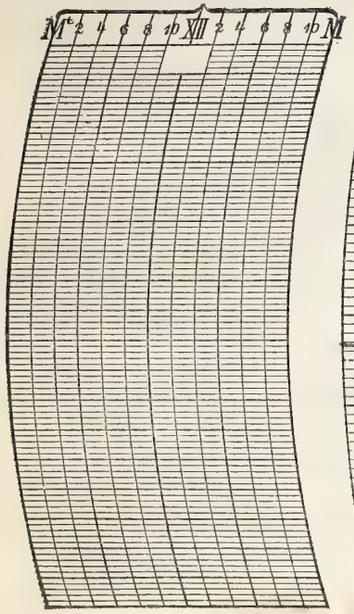
Dry temperature, 78.0 Wet temperature, 64.2

Dew-point, 49 R. humidity, 32 V. pressure, 3.8

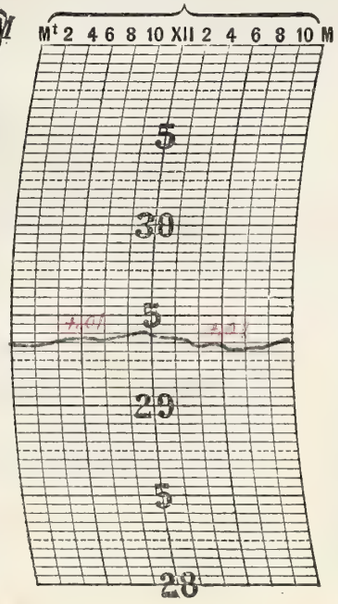
Clouds: Amount, 6; Kind, ?; Direction, ?

Velocity of clouds (miles per hour) ?

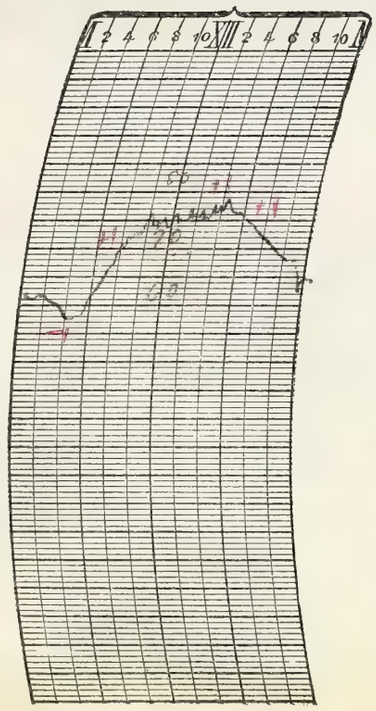
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

From personal observation during the early daylight hours this date, crops of all sorts in this city are in excellent condition. Oats are heading and along with wheat is showing a corn ranges from three or four inches to two or three feet in height and today since a heavy dew and hoeing and tilling land. Pastures are in the best condition. Heavy dew was a feature this morning. A pretty cloudy day with moderate temperature and very pleasant.

Prepared by

Verified by

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Saturday, (Date) JUN 26 1920, 192

Time (local standard). mer. normal time.	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	62	62	60	60	56	62	[illegible]	71	76	76	79	79
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions	Clear											
Sunrise: Time, Character,	4:10 Clear											
Moonrise:	3:[illegible]											
Sunshine (in tenths of hours)					.83	0.7						
Wind direction	E	SE	E	E	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Wind movement	2	2	2	[illegible]	4	[illegible]	[illegible]	[illegible]	3	4	[illegible]	[illegible]
Maximum velocities (exceeding ___ miles) direction and time												

Time (local standard). mer. normal time.	P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	81	82	80	80	80	79	78	74	72	70	67	65
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions												
Sunset: Time, Character,									7:[illegible] Clear			
Moonset:									12:[illegible]			
Sunshine (in tenths of hours)												
Wind direction	SE	SE	E	E	SE	SE	SE	SE	SE	SE	[illegible]	[illegible]
Wind movement	6	4	[illegible]	[illegible]	5	4	3	[illegible]	5	5	5	[illegible]
Maximum velocities (exceeding ___ miles) direction and time												

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
82	56	69	

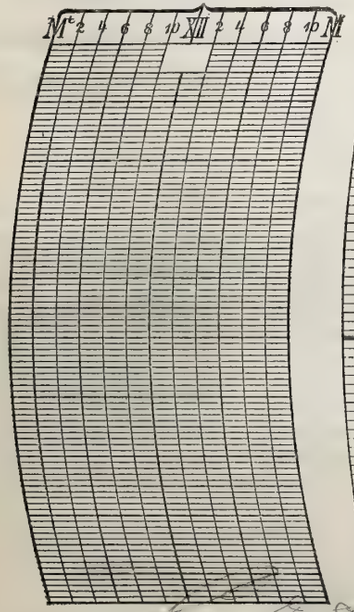
Total depth of snow for 24 hours ending ___ p. m., ___ inches.
Snow, sleet, and hail on ground ___ p. m., ___ inches.
Total snowfall, midnight to midnight, ___ inches.
Precipitation to ___ a. m., ___ ins.; to ___ p. m., ___ ins.
Total precipitation, midnight to midnight, ___ inches.
Character of day, Cl Moon phase, ___
Average daily cloudiness (0–10), ___
Actual sunshine, hours, 13.4 Possible sunshine, hours, [illegible]
Per cent of possible sunshine, [illegible]
Prevailing wind direction, SE Total wind [illegible]
Average hourly velocity, [illegible] Extreme velocity, [illegible]
Maximum velocity, [illegible] Direction, [illegible]
Time began, ___
Reduced barometer, [illegible] a. m. [illegible], p. m.
River gage, 3.1 Ft.
Relative humidity, 68 a. m. [illegible] p. m.

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

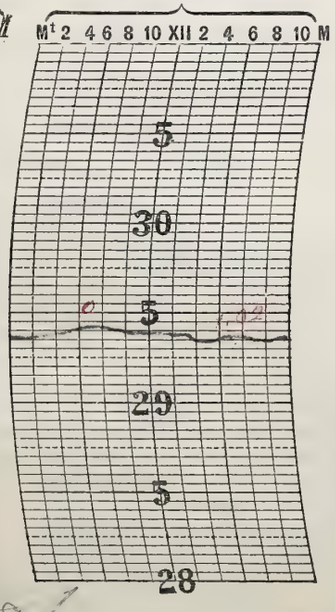
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 79.2 Wet temperature, 62.2
Dew-point, 51 R. humidity, 37 V. pressure, [illegible]
Clouds: Amount, 3; Kind, Cu; Direction, SE
Velocity of clouds (miles per hour) ___

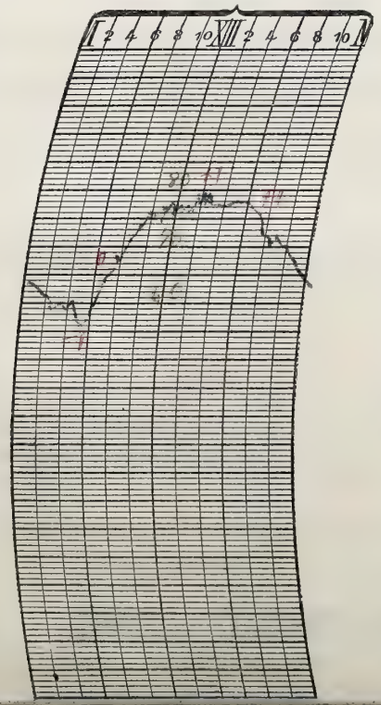
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

A clear day with moderate temperatures and an abundance of bright sunshine.

Prepared by ___

Verified by ___

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Sunday, (Date) JUN 27 1920, 192

Time (local standard). ___ mer. normal time.	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	63	61	61	60	60	62	64	74	77	79	81	84	85	86	85	84	84	81	80	78	76	73	72	70
State of weather. Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions	5			Clear				×		Fair	Clear								Pt Cloudy					5
Sunrise: Time, 4:11 Character, Clear																					Sunset: Time, 7:17 Character, Cloudy			
Moonrise:																					Moonset:			
Sunshine (in tenths of hours)					.82 0	0.6 .4	1.0	1.0					1.0	1.0	1.0	1.0	0.5	0	0	0				
Wind direction	E	SE	E	E	E	E	E	S	S	SW	SW	SW	SW	S	S	SW	S	S	SW	SW	S	S	SW	S
Wind movement													7					4	3					
Maximum velocities (exceeding ___ miles) direction and time																								

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
87	60	74	–

Total depth of snow for 24 hours ending ___ p. m., ___ inches.

Snow, sleet, and hail on ground ___ p. m., ___ inches.

Total snowfall, midnight to midnight, ___ inches.

Precipitation to ___ a. m., ___ ins.; to ___ p. m., ___ ins.

Total precipitation, midnight to midnight, ___ inches.

Character of day, Pt Cloudy Moon phase, ___

Average daily cloudiness (0–10), 6

Actual sunshine, hours, 12.3 Possible sunshine, hours, ___

Per cent of possible sunshine, 81

Prevailing wind direction, SW Total wind 94

Average hourly velocity, 3.9 Extreme velocity, 11

Maximum velocity, 11 Direction, S

Time began, 1:29 p.m.

Reduced barometer, ___ a. m. 30.20 p. m.

River gage, ___

Relative humidity, ___ a. m. ___ p. m.

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

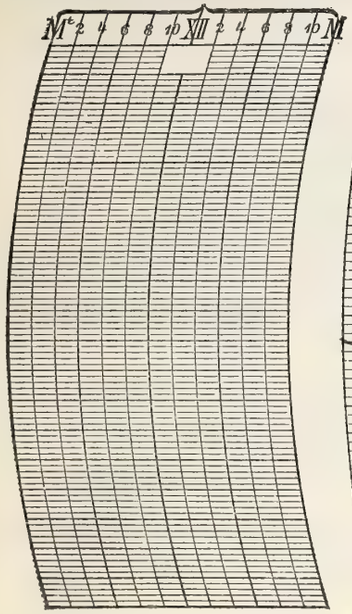
Dry temperature, 80.5 Wet temperature, 65.5

Dew-point, 57.4 R. humidity, 58 V. pressure, 4.17

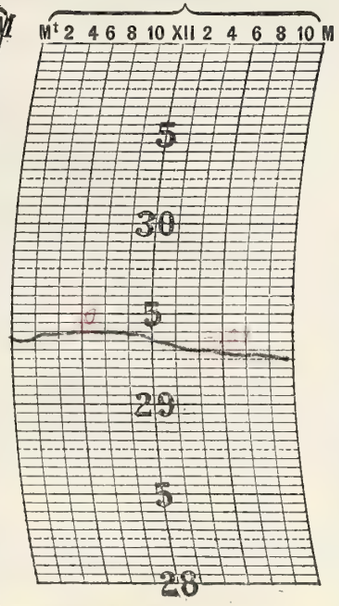
Clouds: Amount, 4; Kind, Ast; Direction, NE

Velocity of clouds (miles per hour)

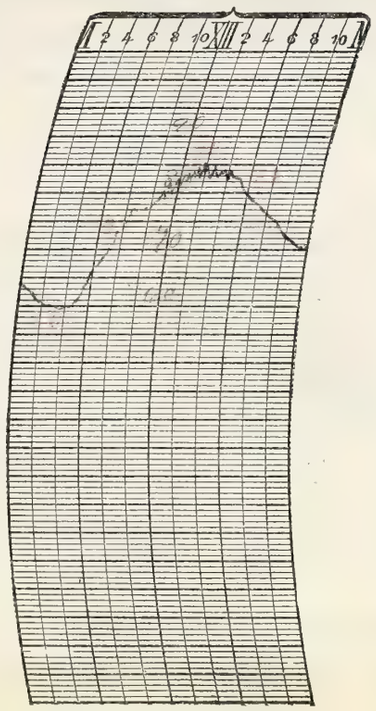
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

A fair Sunday day with moderately high clouds in the morning. The morning temperature was not as cool as it seemed as though it should have been.

Prepared by ___

Verified by ___

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Monday, (Date) JUN 2 1930, 192

Time (local standard). mer. normal time.	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	68	66	66	65	66	70	77	78	82	86	88	89	90	90	91	91	89	87	84	82	80	80	78	77
State of weather. Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions	2					Clear											Clear							2
Sunrise: Time, Character,	7	Clear																						
Moonrise:	3																							
Sunset: Time, Character,													7:10	Clear										
Moonset:													2:40											
Sunshine (in tenths of hours)					.82 0	0.1	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.9	1.0	0					
Wind direction	S	S	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW
Wind movement	3	6	8	8	8	8	8	9	9	11	11	12	13	15	14	15	14	11	10	11	8	10	13	12
Maximum velocities (exceeding ___ miles) direction and time																								

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
91	65	78	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow, sleet, and hail on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, ____ inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Clear Moon phase, ____

Average daily cloudiness (0–10), ____

Actual sunshine, hours, 14.8 Possible sunshine, hours, 15.1

Per cent of possible sunshine, 98

Prevailing wind direction, SW Total wind 249

Average hourly velocity, 4 Extreme velocity, ____

Maximum velocity, 17 Direction, SW

Time began, 3:24 p. m.

Reduced barometer, 29.9[illegible] a. m. 29.95 p. m.

River gage, ____

Relative humidity, 70 a. m. 55 p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

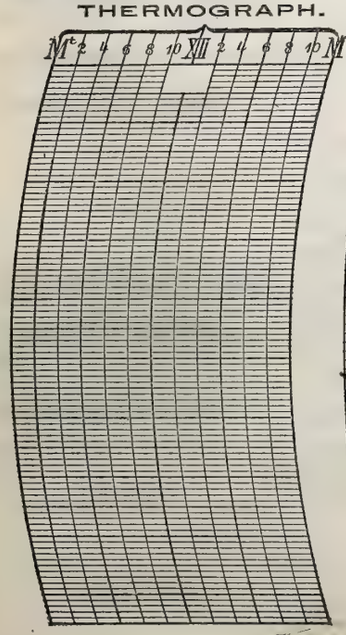
Dry temperature, 87.0 Wet temperature, 69.0

Dew-point, 60 R. humidity, 40 V. pressure, .517

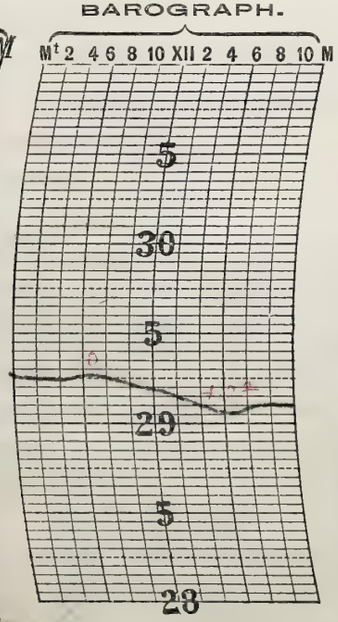
Clouds: Amount, 2 Few; Kind, Cu St; Direction, NW

Velocity of clouds (miles per hour) ____

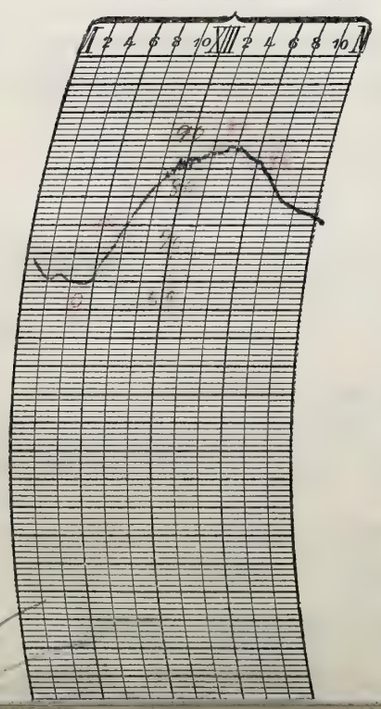
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

Sunshine until 7:00 p.m.

A clear and very warm day with an abundance of sunshine

Prepared by W. [illegible]

Verified by F. M. Kavanaugh

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne Ind, (Day of week) Tuesday, (Date) JUN 29 1920, 192

Time (local standard). 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	75	74	75	73	73	75	79	78	80	82	83	87
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions	9				Cloudy							
Sunshine (in tenths of hours)					0	0.4	1.0	1.0	1			
Wind direction	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW
Wind movement	12	13	14	12	13	14	14	17	18	20	17	15

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	88	75	71	73	73	69	71	70	71	70	70	70
State of weather: Nature of precipitation and time of beginning and ending		RB 1:10	RE RB 2:43	RE 3:03 RB 3:33 RE 3:50		RE	RE			RB 9:33		RE DNE
Amounts of precipitation		.03	.34	.01	.15	.01	T			.03	T	.01
Cloudiness and other conditions					Cloudy							
Sunshine (in tenths of hours)	1.0	0.3	0.2	0								
Wind direction	SW	WNW	WSW	WSW			SW	SW	SW			
Wind movement			8	5	13						2	0

Sunrise: Time, 4.41 Character, Cloudy
Moonrise: 5:24 p
Sunset: Time, 8.15 Character, Cloudy
Moonset: 3:37 a

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
88	69	78	

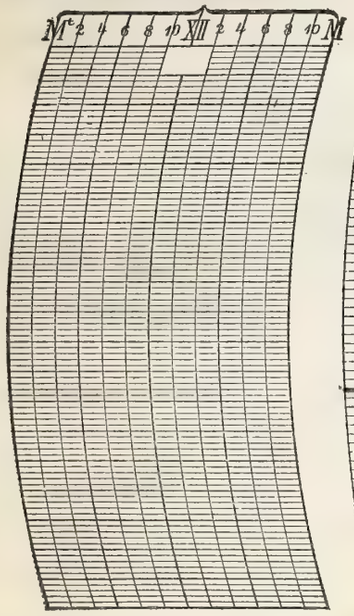
Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 1.17 ins.
Total precipitation, midnight to midnight, 1.17 inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0-10), 7
Actual sunshine, hours, 8.0 Possible sunshine, hours, 15.1
Per cent of possible sunshine, 53
Prevailing wind direction, Total wind
Average hourly velocity, Extreme velocity,
Maximum velocity, 32 Direction, NW
Time began, 15
Reduced barometer, 29.8[illegible] 7 a. m. 29.8[illegible] 7 p. m.
River gage, 2.61
Relative humidity, 56 7 a. m. 72 7 p. m.

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
	2:43p	3:03p	.34	2:44p	2:54p	0	.15	.30	.34											

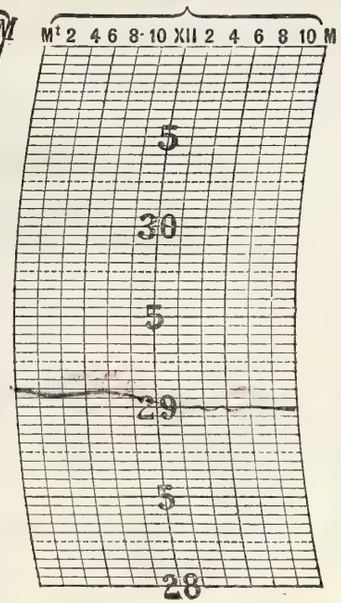
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 86.1 Wet temperature, 70.1
Dew-point, 62 R. humidity, 45 V. pressure, .555
Clouds: Amount, 3; Kind, Cu; Direction, NW
Velocity of clouds (miles per hour)

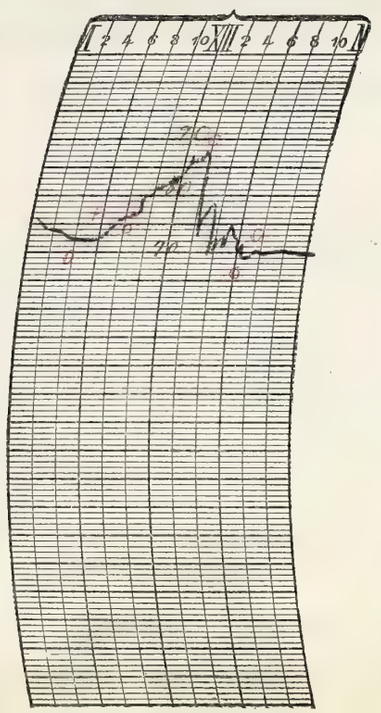
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

Thunderstorm: first thunder heard at 1:32 p.m.; last heard at [illegible] p.m. The thunderstorm was heavy. The storm came from the west, northwest and was accompanied for a moderate while with rain which cooled the atmosphere to a certain extent.

Prepared by

Verified by

8—486

Form No. 1014–Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Wednesday, (Date) June 30 1920, 192

Time (local standard). ____ mer. normal time.

	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	70	69	69	69	69	69	70	71	73	76	79	81
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions	Cloudy										Partly cloudy	
Sunrise: Time, 4:12 Character, Clear												
Moonrise:												
Sunshine (in tenths of hours)					0	0	0	0	0	0	0	0
Wind direction	SW	SW				W	NW	NW	NW			
Wind movement	9	8	8	8	7	5	4	4	4	4	5	5
Maximum velocities (exceeding ____ miles) direction and time												

	P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	81	84	83	83	83	83	81	79	77	75	73	71
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions	Partly cloudy			Clear				Partly cloudy				
Sunset: Time, 7:[illegible] Character, Clear												
Moonset:												
Sunshine (in tenths of hours)	1.0	1.0	1.0	1.0	1.0	1.0	0.1	0				
Wind direction	N	N	NE	NE	NE	NE	E	SE	N	N	N	N
Wind movement	7	8	9	9	8	8	8	7	6	6	6	5
Maximum velocities (exceeding ____ miles) direction and time												

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
[illegible]	[illegible]	[illegible]	[illegible]

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, ____ inches.
Precipitation to [illegible] a. m., [illegible] ins.; to [illegible] p. m., [illegible] ins.
Total precipitation, midnight to midnight, [illegible] inches.
Character of day, [illegible] Moon phase, ____
Average daily cloudiness (0–10), 5
Actual sunshine, hours, 9.6 Possible sunshine, hours, [illegible]
Per cent of possible sunshine, [illegible]
Prevailing wind direction, ____ Total wind ____
Average hourly velocity, ____ Extreme velocity, ____
Maximum velocity, [illegible] Direction, [illegible]
Time began, [illegible]
Reduced barometer, [illegible] a. m. [illegible], p. m.
River gage, ____
Relative humidity, ____ a. m. ____ p. m.

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

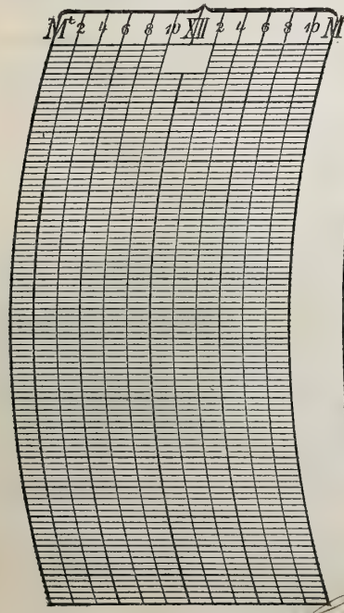
Accumulated depths during excessive rate, for consecutive periods of time indicated below.

Excessive precipitation, accumulated amounts ____

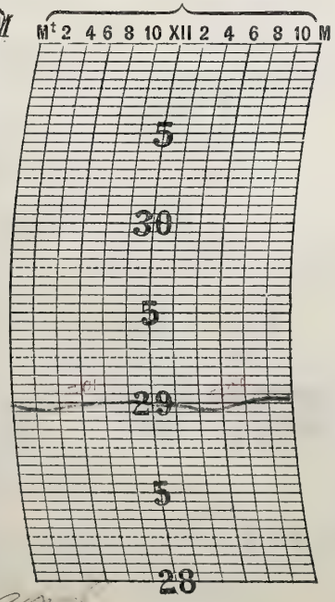
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 81.0 Wet temperature, 69.8
Dew-point, 65 R. humidity, 52 V. pressure, .646
Clouds: Amount, 2; Kind, ____; Direction, ____
Velocity of clouds (miles per hour) ____

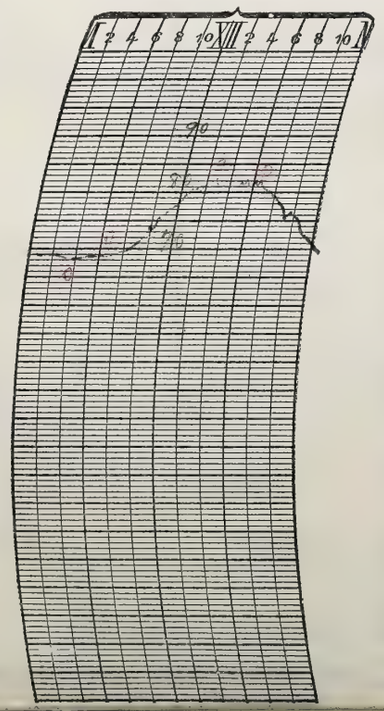
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

A partly cloudy day with a fair amount of sunshine and moderate temperature.

Prepared by [illegible]
Verified by P. McDonough

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Thursday, (Date) JUL - 1 1920, 192

Time (local standard). 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	69	69	67	66	64	65			76	80	83	85
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions					Clear							Pt. Cloudy
Sunrise: Time, 4:12 Character, Clear												
Moonrise: 7:30 P.												
Sunshine (in tenths of hours)					.80 0	0.3 0.7	0.8	1.0	1.0	1.0	1	
Wind direction	N	NE	NE	NE	NE	E	E	E	NE	E	SE	S
Wind movement	7	6	6	7	8	7	7	5	5	5	5	7
Maximum velocities (exceeding ____ miles) direction and time												

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	85	85	87	85	82	76	74	71	72	72	70	71
State of weather: Nature of precipitation and time of beginning and ending						1P0 5:58		1P5 5:05				1P5 DNP
Amounts of precipitation						T		T				.05
Cloudiness and other conditions								Cloudy				
Sunset: Time, 9:10 Character, Cloudy												
Moonset: 4:38 A.												
Sunshine (in tenths of hours)	1.0	0.9	0.5	0.6	0.3							
Wind direction	SW	S	SW	SW	SW	E	SW	S	SW	S	S	S
Wind movement	7	9	12	10	6	4	12	11	8	5	3	9
Maximum velocities (exceeding ____ miles) direction and time												

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
86	64	75	

Total depth of snow for 24 hours ending ____ p. m., 0 inches.
Snow, sleet, and hail on ground ____ p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to ____ p. m., 0.05 ins.
Total precipitation, midnight to midnight, 0.05 inches.
Character of day, Pt. Cloudy Moon phase, Full
Average daily cloudiness (0-10), 5
Actual sunshine, hours, 10.9 Possible sunshine, hours, 14.5
Per cent of possible sunshine, 75
Prevailing wind direction, SE SW Total wind 1[illegible]
Average hourly velocity, [illegible] Extreme velocity, [illegible]
Maximum velocity, 22 Direction, [illegible]
Time began, 4:53 p.
Reduced barometer, 29.[illegible] a. m. 29.[illegible], p. m.
River gage, 3.3 rise
Relative humidity, ____ a. m. 8 p. m.

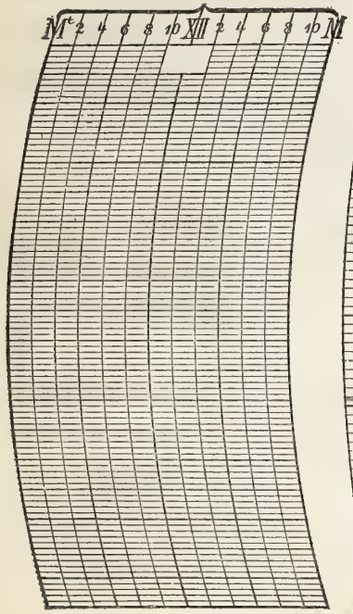
Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

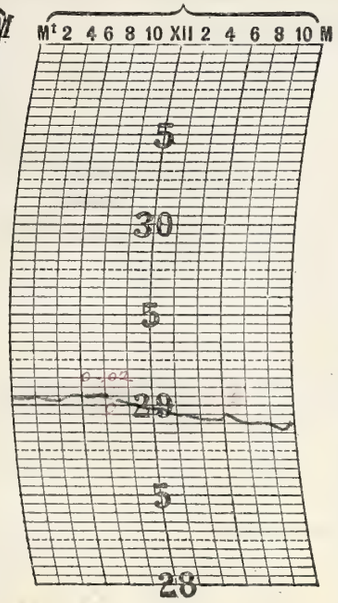
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 85.0 Wet temperature, 62.3
Dew-point, 62 R. humidity, 45 V. pressure, 555
Clouds: Amount, 3; Kind, Cu St; Direction, SW
Velocity of clouds (miles per hour)

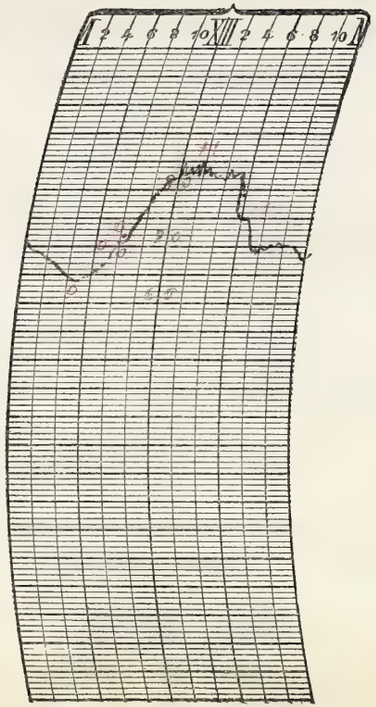
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

A thunderstorm which commenced at 4:50 p.m. moved from the southwest with light precipitation. Last thunder was heard at [illegible]

Prepared by [illegible]
Verified by [illegible]

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne Ind., (Day of week) August Friday, (Date) JUL - 3 1920, 192

Time (local standard). mer. normal time.	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	60	68	67	66	66	62	64	67	71	74	77	78	80	81	82	81	81	80	78	77	76	74	73	72
State of weather. Nature of precipitation and time of beginning and ending								RF 6:17											RB 1:48 RF 6:38					
Amounts of precipitation	.04	.02	.14	.04	.08	.16	.15	T											0.4					
Cloudiness and other conditions	Cloudy									x Pt Cloudy	x Clear					Pt Cloudy	x		Cloudy					

Sunrise: Time, 4:13 Character, Clear

Moonrise: 7:44

Sunset: Time, 7:17 Character, Cloudy

Moonset: 6:44

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Sunshine (in tenths of hours)					0	0	0	0	0	0			1.0	1.0	1.0	1.0	0.3							
Wind direction	SW	SW	SW	SE	S	S	SW	SW	W	W	W	W	W	W	W	W	W	W	SW	W	W	W	W	W
Wind movement	19	14	12	5	9	13	10	10	7	7	11	12	10	11	15	15	13	11	8	8	7	6	6	6
Maximum velocities (exceeding 25 miles) direction and time																								

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
83	65	74	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow, sleet, and hail on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0.7 ins.; to 7 p. m., 0.4 ins.

Total precipitation, midnight to midnight, 0.7 inches.

Character of day, Pt Cloudy Moon phase,

Average daily cloudiness (0–10), 7

Actual sunshine, hours, 7.4 Possible sunshine, hours, 13.5

Per cent of possible sunshine,

Prevailing wind direction, Total wind

Average hourly velocity, 10.2 Extreme velocity, 20

Maximum velocity, 25 Direction, NW

Time began, 10:00

Reduced barometer, 29.27 7 a. m. 29.22 7 p. m.

River gage, 3.4 Rise

Relative humidity, 7 a. m. 7 p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

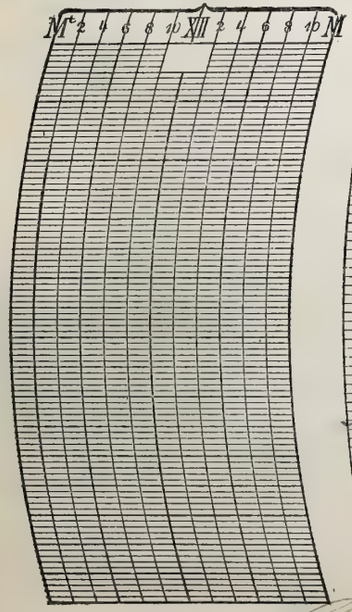
Dry temperature, 78.0 Wet temperature, 69.2

Dew-point, 66 R. humidity, 66 V. pressure, .638

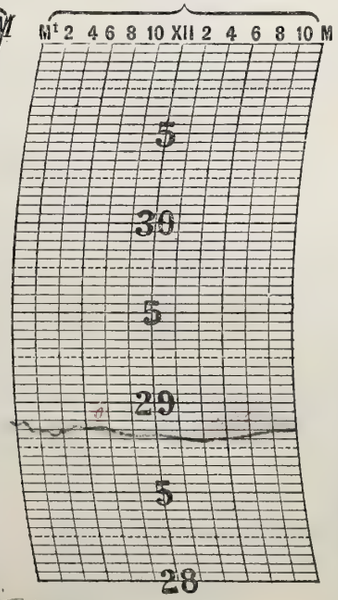
Clouds: Amount, 3/4; Kind, Cu; Direction, NW

Velocity of clouds (miles per hour)

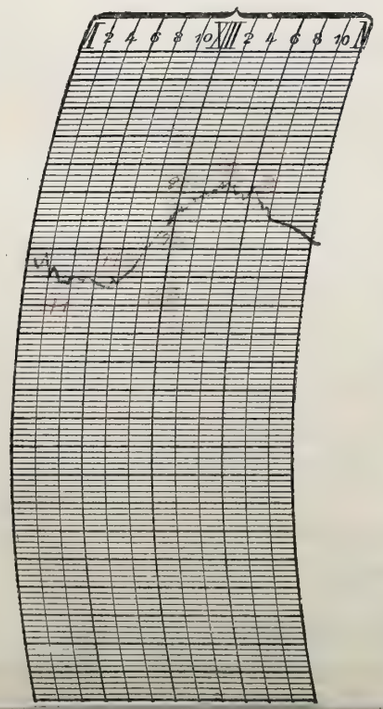
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

Thunderstorm:- First thunder heard 12:15 am; last thunder heard 2:10 am, the storm moved from the northwest and was accompanied by a moderate amount of rain.

Thunderstorm:- First thunder heard 6:15 pm; last thunder heard about 6:35 pm. The storm was light in character, moved from the northwest and was accompanied by light rain.

Prepared by

Verified by

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Saturday, (Date) JUL - 3 1920, 192

Time (local standard) 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	70	69	70	69	68	70	72	77	77	80	[illegible]	82
State of weather: Nature of precipitation and time of beginning and ending												RB 11:27 RE 11:29
Amounts of precipitation												T
Cloudiness and other conditions					Clear						Pt. Cloudy	
Sunrise: Time, Character,	[illegible]											
Moonrise:	[illegible]											
Sunshine (in tenths of hours)					0	0.5	1.0	1.0	1.0	1.0	1.0	0.8
Wind direction	W	W	NW	SW	SW	SW	SW	W	W	W	NW	NW
Wind movement	4	5	3	7	6	7	9	8	10	12	13	15
Maximum velocities (exceeding [illegible] miles) direction and time												

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	83	82	82	81	[illegible]	80	76	71	67	[illegible]	63	[illegible]
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions						Clear						
Sunset: Time, Character,									Clear			
Moonset:									6:20a			
Sunshine (in tenths of hours)	1.0	1.0	1.0	1.0	1.0	1.0	0.5 .05	.25 0				
Wind direction	NW	NW	NW	NW	NW	NW	NW	NW	N	N	NW	N
Wind movement	18	19	19	18	17	16	10	10	9	8	8	7
Maximum velocities (exceeding [illegible] miles) direction and time												

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
84	62	72	

Total depth of snow for 24 hours ending 7 p. m., [illegible] inches.

Snow, sleet, and hail on ground 7 p. m., 7 inches.

Total snowfall, midnight to midnight, ... inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., T ins.

Total precipitation, midnight to midnight, T inches.

Character of day, Clear Moon phase, ...

Average daily cloudiness (0-10), 2

Actual sunshine, hours, 14.9 Possible sunshine, hours, 15

Per cent of possible sunshine, 99

Prevailing wind direction, NW Total wind 258

Average hourly velocity, 10.8 Extreme velocity, 25

Maximum velocity, 23 Direction, NW

Time began, 237 PM

Reduced barometer, ... 7 a. m. 29.86 p. m.

River gage, 5 [illegible]

Relative humidity, 81 7 a. m. [illegible] p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

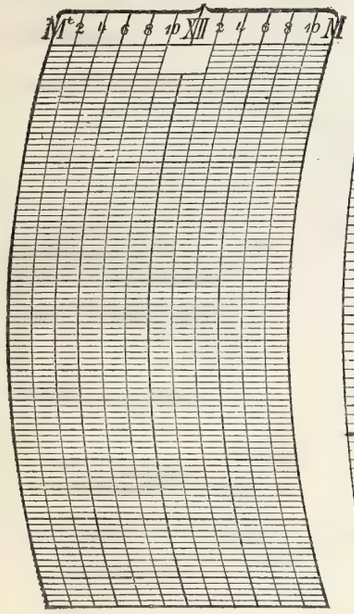
Dry temperature, 82.0 Wet temperature, 73.0

Dew-point, 69 R. humidity, 65 V. pressure, 20.7

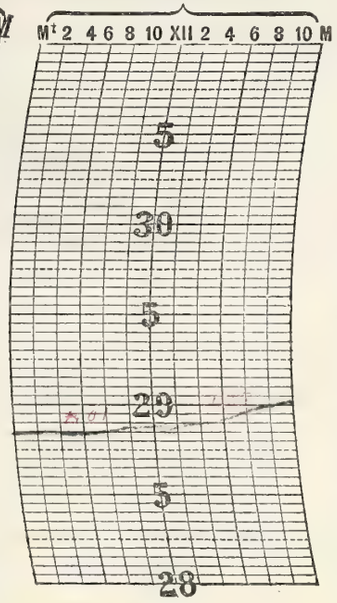
Clouds: Amount, 5; Kind, Cu; Direction, NW

Velocity of clouds (miles per hour)

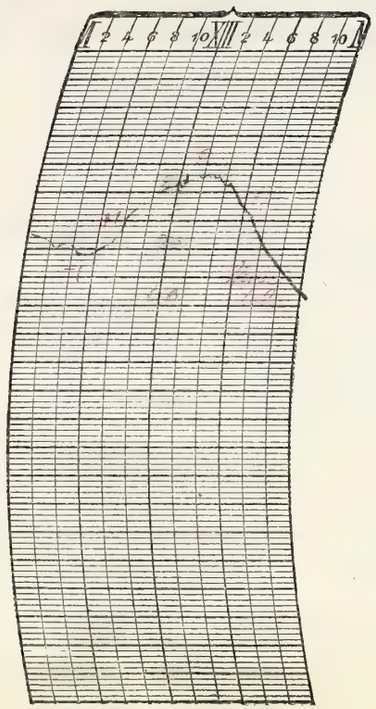
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

Generally clear and pleasant weather. Bright moonlight

Prepared by .....

Verified by .....

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Sunday, (Date) JUL - 4 1920, 192

Time (local standard). 90° mer. normal time.

	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	60	59	57	55	55	57	59	62	64	66	67	69
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions			← Clear —					→			Pt. Cloudy —	
Sunrise: Time, Character,	4:14 Clear											
Moonrise:	9:01 p											
Sunshine (in tenths of hours)					0	07	1.0	1.0	1.0	1.0	1.0	1.0
Wind direction	N	N	N	N	N	N	N	N	N	N	N	N
Wind movement	5	4	6	5	5	7	7	7	7	8	9	9
Maximum velocities (exceeding 20 miles) direction and time												

	P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	72	71	70	71	72	70	72	69	65	62	61	63
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions				→			Clear —			→		
Sunset: Time, Character,									7:16 Clear			
Moonset:									2:27 a			
Sunshine (in tenths of hours)	1.0	1.0	04	09	1.0	08	04 05	27 0				
Wind direction	N	N	N	NE	N	N	N	N	N	NE	NE	NE
Wind movement	9	7	7	5	5	5	4	4	3	5	3	3
Maximum velocities (exceeding 20 miles) direction and time												

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
73	55	64	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Clear Moon phase,
Average daily cloudiness (0–10), 3
Actual sunshine, hours, 14.0 Possible sunshine, hours, 15
Per cent of possible sunshine, 93
Prevailing wind direction, N Total wind 139
Average hourly velocity, 5.8 Extreme velocity, 11
Maximum velocity, 11 Direction, NE
Time began, 1050 am
Reduced barometer, 30.06 7 a. m. 30.06 7 p. m.
River gage, 5.0 feet
Relative humidity, 59 7 a. m. 44 7 p. m.

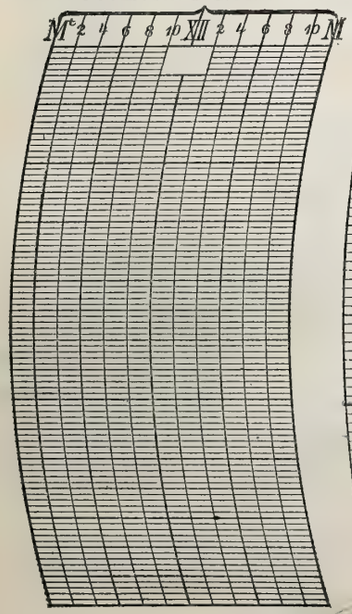
Excessive precipitation, accumulated amounts	Total duration. From—	Total duration. To—	Total amount of precipitation.	Excessive rate. Began—	Excessive rate. Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

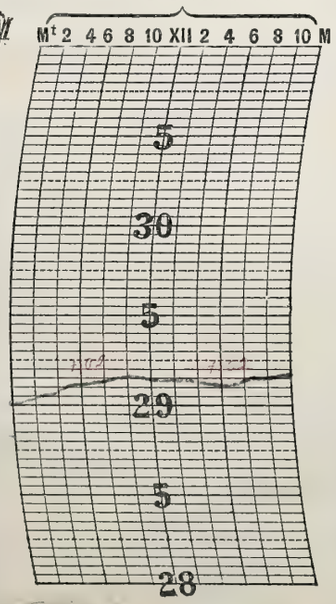
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 70.0 Wet temperature, 58.4
Dew-point, 50 R. humidity, 50 V. pressure, 36.0
Clouds: Amount, 4; Kind, Cu; Direction, NE
Velocity of clouds (miles per hour)

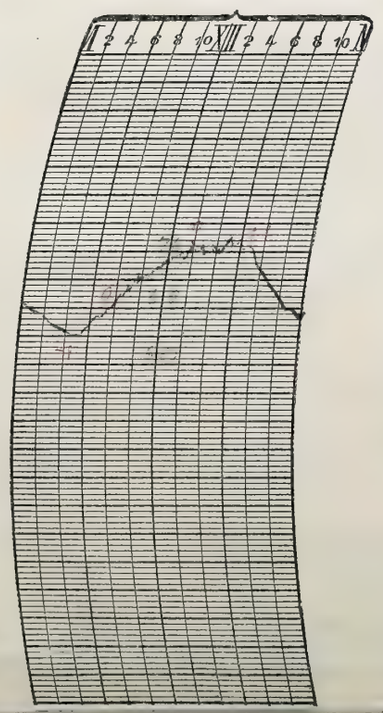
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

Generally clear, but with some cloudiness in the midday hours. Cool in the forenoon, but rather pleasant temperature in the afternoon. Bright moonlight at night.

Prepared by

Verified by F. W. McDonough

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Monday, (Date) JUL - 5 1920, 192

Time (local standard) 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	58	56	54	54	56	60	62	66	69	70	72	74
Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions	Pt Cloudy							Clear				
Sunshine (in tenths of hours)					0	0.7	1.0	1.0	1.0	1.0	1.0	1.0
Wind direction	NE	NE	NE	NE	NE	E	E	SE	SE	SE	S	SE
Wind movement	2	2	3	1	3	5	5	5	6	7	8	6

Sunrise: Time, 4:15 Character, Clear. Moonrise: 9:31 p

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	75	76	76	76	76	75		73	72	70	68	66
Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions	Pt Cloudy							Cloudy				
Sunshine (in tenths of hours)	1.0	1.0	1.0	0.8	0.7	0	0	0				
Wind direction	SE	SE	SE	SE	SE	SE	S					
Wind movement												

Sunset: Time, 7:16 Character, Cloudy. Moonset: 8:27 a

Maximum velocities (exceeding 29 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

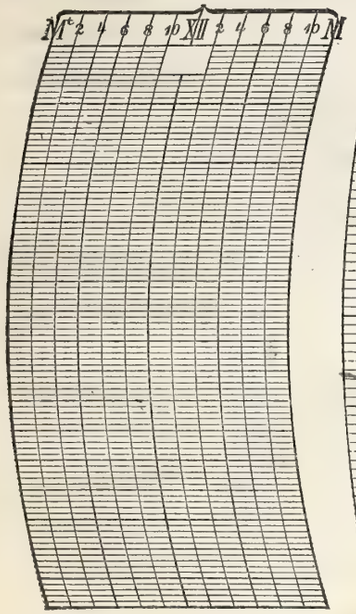
Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
77	54	66	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Pt Cloudy Moon phase,
Average daily cloudiness (0-10), 5
Actual sunshine, hours, 12.3 Possible sunshine, hours, 15.3
Per cent of possible sunshine, 80
Prevailing wind direction, SE Total wind 112
Average hourly velocity, Extreme velocity,
Maximum velocity, 10 Direction, S
Time began,
Reduced barometer, 30.10 7 a. m. 29.94 7 p. m.
River gage, 3.7 Fall
Relative humidity, 60 7 a. m. 76 7 p. m.

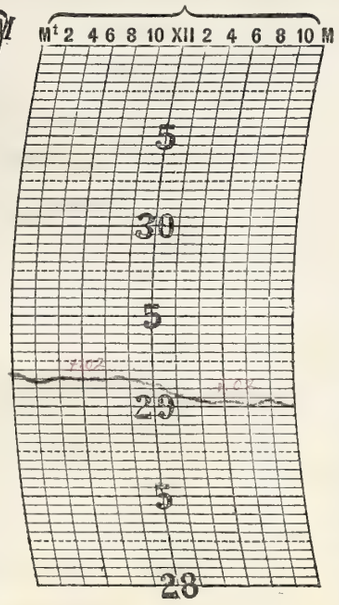
OBSERVATIONS AT 12 NOON. (Local Mean Time.)

Dry temperature, 74.0 Wet temperature, 58.3
Dew-point, 47 R. humidity, 38 V. pressure, .322
Clouds: Amount, 2; Kind, Cu; Direction, N
Velocity of clouds (miles per hour)

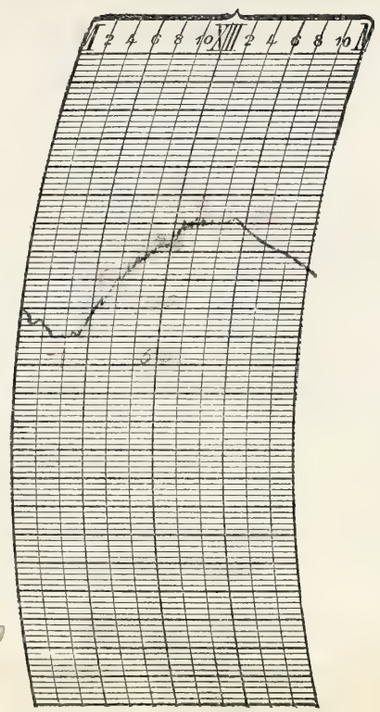
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

A hazy cloudy and pleasant day with an occasional [illegible]

Prepared by [illegible]

Verified by [illegible]

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Lauderdale, Fla., (Day of week) Tuesday, (Date) JUL - 4 1921, 192

Time (local standard). mer. normal time.	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	66	65	[illegible]	66	64	62	[illegible]	62	64	70	78	76	78	76	72	68	65	68	69	69	69	70	70	[illegible]
State of weather: Nature of precipitation and time of beginning and ending					RB 4:40		RB 6:35							RB 1:30					RE 6:28	RB 7:10 RF 7:15	RB 8:00			
Amounts of precipitation					.03	.01	T	.02	.03	.02		T		.01	.47	.78	.43	.05	T	T	T	[illegible]	[illegible]	
Cloudiness and other conditions	Cloudy												Cloudy											
Sunrise: Time, 4:15 Character, Cloudy																					Sunset: Time, [illegible] Character, Clear			
Moonrise:																					Moonset:			
Sunshine (in tenths of hours)					0	0	0	0	0	0.1	0.0	[illegible]	0.8	0.3	0	0	0	0	0	0				
Wind direction	E	E	E	SE	SE	SE	S	S	S	S	S	S	S	S	SE	SW	SW	SW	S	S	S	SW	SW	SW
Wind movement	4	6	4	6	4	6	10	10	8	7	9	[illegible]	10	10	6	8	5	6	8	5	8	8	9	8
Maximum velocities (exceeding 29 miles) direction and time																								

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
78	62	[illegible]	

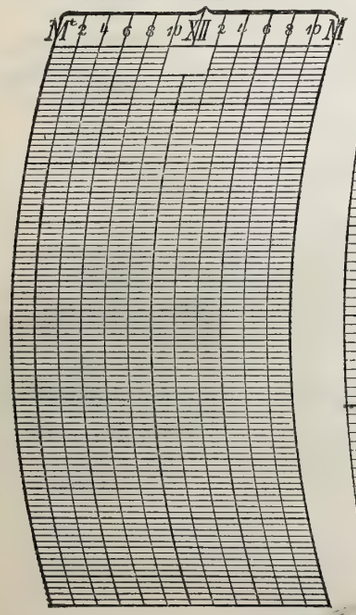
Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 4 p. m., [illegible] inches.
Total snowfall, midnight to midnight, ____ inches.
Precipitation to 7 a. m., .04 ins.; to 7 p. m., 1.83 ins.
Total precipitation, midnight to midnight, ____ inches.
Character of day, Cloudy Moon phase, ____
Average daily cloudiness (0–10), ____
Actual sunshine, hours, 0.7 Possible sunshine, hours, [illegible]
Per cent of possible sunshine, [illegible]
Prevailing wind direction, E Total wind [illegible]
Average hourly velocity, 5.3 Extreme velocity, 25
Maximum velocity, 17 Direction, SW
Time began, 2:34 pm
Reduced barometer, 29.85 7 a. m. 29.62 7 p. m.
River gage, 3.5 ft.
Relative humidity, 63 7 a. m. [illegible] 7 p. m.

Excessive precipitation, accumulated amounts	Total duration. From—	Total duration. To—	Total amount of precipitation.	Excessive rate. Began—	Excessive rate. Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
	1:30p	6:45p	1.24	3:14p	4:15p	[illegible]	.21	.03	.54	.60	.72	[illegible]	.27							

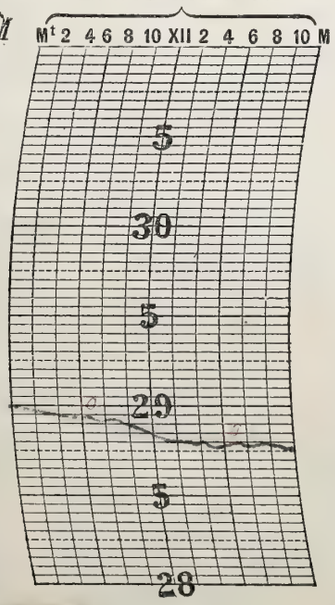
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 72.5 Wet temperature, 69.5
Dew-point, 68 R. humidity, 86 V. pressure, .68
Clouds: Amount, 10; Kind, Cu; Direction, S
Velocity of clouds (miles per hour) ____

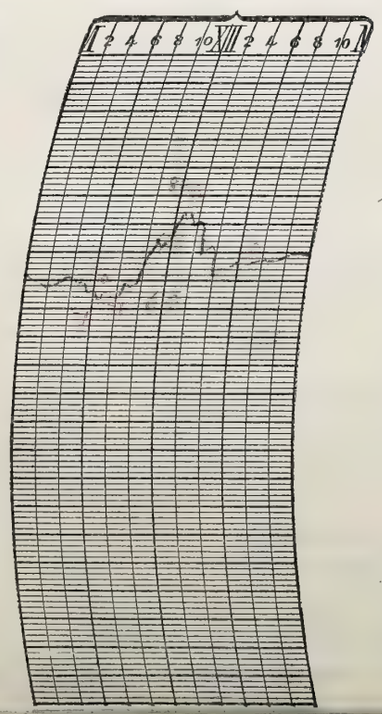
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

Thunderstorm: First thunder heard 2:45 pm, last thunder heard 4:59 pm. Storm moved from the northwest was of moderate intensity and accompanied by a northwest breeze.

Prepared by [illegible]
Verified by P. McDonough

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

JUL - 7 1920

(Station) Fort Wayne, Ind., (Day of week) Wednesday, (Date) ....., 192

Time (local standard). 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	70	70	67	68	65	64	[illegible]	63	62	63	63	63
State of weather. Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions					Cloudy							
Sunrise: Time, Character,	4:16 Cloudy											
Moonrise:	10:30 P											
Sunshine (in tenths of hours)					0	0	0	0	0	0	0	0
Wind direction	SW	SW	SW	W	W	W	W	W	W	W	NW	NW
Wind movement	8	[illegible]	10	[illegible]	10	[illegible]	[illegible]	12	[illegible]	5	8	14
Maximum velocities (exceeding ..... miles) direction and time												

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	65	65	67	67	66	66	66	66	64	62	61	61
State of weather. Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions				Pt. Cloudy				Clear				
Sunset: Time, Character,									7:16 Clear			
Moonset:									10:28 a			
Sunshine (in tenths of hours)	0.4	0.2	0.6	0.3	0.2	1.0	0.1	0				
Wind direction	NW	W	NW	NW	NW	NW	NW	NW	NW	SW	SW	S
Wind movement	16	14	5	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	7
Maximum velocities (exceeding ..... miles) direction and time												

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
70	61	66	✓

Total depth of snow for 24 hours ending ..... p. m., ... inches.

Snow, sleet, and hail on ground ..... p. m., ... inches.

Total snowfall, midnight to midnight, ... inches.

Precipitation to 7 a. m., .02 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Cloudy Moon phase, ...

Average daily cloudiness (0-10), 6

Actual sunshine, hours, 4.6 Possible sunshine, hours, 15.2

Per cent of possible sunshine, 31

Prevailing wind direction, S W Total wind 264

Average hourly velocity, 11.0 Extreme velocity, 23

Maximum velocity, ... Direction, ...

Time began, 7:04 pm

Reduced barometer, 29.74 a. m. 29.74 p. m.

River gage, ...

Relative humidity, 74 a. m. 74 p. m.

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts .....

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

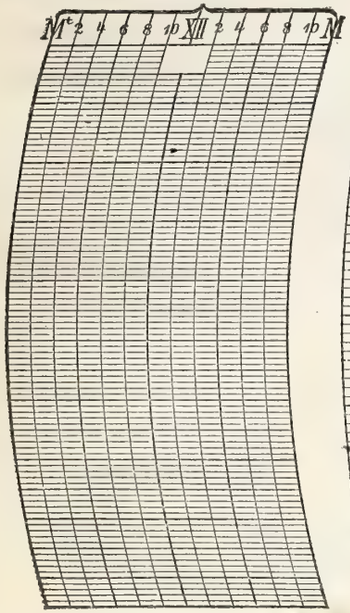
Dry temperature, 64.0 Wet temperature, 60.3

Dew-point, 58 R. humidity, 81 V. pressure, .482

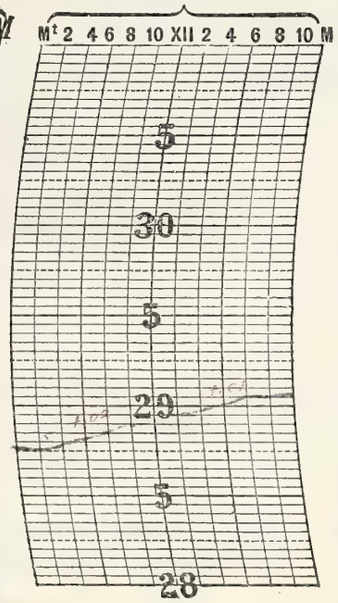
Clouds: Amount, 10; Kind, Sc; Direction, N

Velocity of clouds (miles per hour) .....

THERMOGRAPH.



BAROGRAPH.



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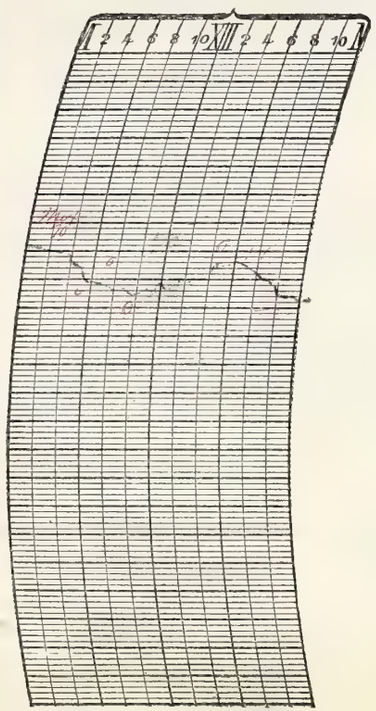


NOTES.

Cloudy and so the

Prepared by .....

Verified by .....

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Thursday, (Date) JUL - 1 1920, 192

Time (local standard). 90th mer. normal time.

	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	61	62	63	63	62	66	69	67	71	73	74	73
State of weather: Nature of precipitation and time of beginning and ending			RE 0:10									
Amounts of precipitation	T											
Cloudiness and other conditions			Cloudy									
Sunshine (in tenths of hours)					0	0	0	0	7			
Wind direction	S	SW	SW	S	SW	SW	SW	SW	SW	SW	SW	SW
Wind movement	6	6										

Sunrise: Time, 4:16; Character, Clouds. Moonrise: 11:00 p.

	P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	71	68	71	71	63	67	66	64	62	61	60	60
State of weather: Nature of precipitation and time of beginning and ending	RB 12:06 RE 12:10	RB 1:27 RE 1:58			RB 4:00 RE 4:35		RB 6:00 RE 6:02	RE 6:02				
Amounts of precipitation	T	T			.03		T					
Cloudiness and other conditions		Cloudy						Cloudy		Clear		
Sunshine (in tenths of hours)	0.3	0	0.5	0.7	0.3	0	0					
Wind direction	SW	SW	SW	SW	NW	W	W	SW	SW	SW	SW	SW
Wind movement	16		12	5	9			6	8	8	7	7

Sunset: Time, 7:15; Character, Cloudy. Moonset: 11:58 p.

Maximum velocities (exceeding 25 miles) direction and time.

	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																				

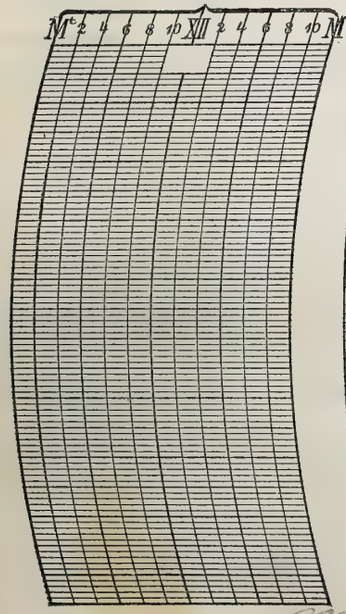
Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
75	60	68	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., T ins.; to 7 p. m., .03 ins.
Total precipitation, midnight to midnight, .03 inches.
Character of day, Pt. Cloudy; Moon phase, L. Q. 11:00 p.
Average daily cloudiness (0-10), 6
Actual sunshine, hours, 6.3; Possible sunshine, hours, 13.5
Per cent of possible sunshine, 46
Prevailing wind direction, SW; Total wind 216
Average hourly velocity, 9.0; Extreme velocity, 21
Maximum velocity, 26; Direction, SW
Time began, 11:42 a.
Reduced barometer, 29.99 7 a. m., 30.00 7 p. m.
River gage, 7.1
Relative humidity, 90 7 a. m., 8 p. m.

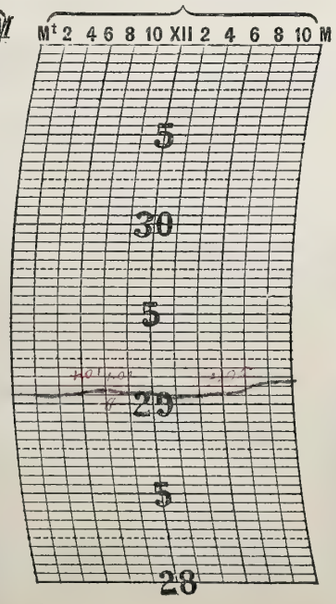
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 73.0; Wet temperature, 64.5
Dew-point, 60; R. humidity, 63; V. pressure, .517
Clouds: Amount, 8; Kind, Cu; Direction, W.
Velocity of clouds (miles per hour)

THERMOGRAPH.



BAROGRAPH.



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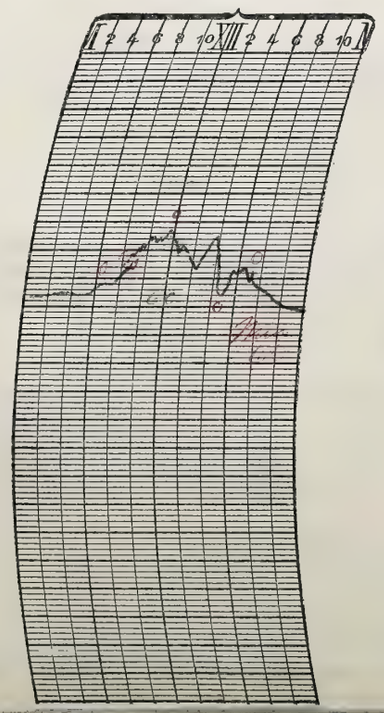


NOTES.

Generally partly Cloudy and threatening weather, with showers - Moderately Cool.

A moderate thunderstorm from the west occurred between 11:45 am and 1:58 pm

Prepared by E. M. S.

Verified by F. M. Donough

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Worth Tex, (Day of week) Friday, (Date) JUL - 9 1920, 192

Time (local standard). 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	59	59	59	58	56	57	61	64	67	69	71	73
State of weather. Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions	← Clear										×	PC
Sunrise: Time, Character,	4:17 Clear											
Moonrise:	11:37p											
Sunshine (in tenths of hours)					.72 0	0.6 0.4	1.0	1.0	1.0	1.0	1.0	0.8
Wind direction	W	W	NW	W	W	W	W	NW	NW	NW	NW	NW
Wind movement	7	7	7	7	7	8	7	7	6	9	7	8
Maximum velocities (exceeding 29 miles) direction and time												

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	75	76	76	75	77	76	73	71	69	68	66	65
State of weather. Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions	Cloudy					×	Clear					
Sunset: Time, Character,									7:25 Cloudy			
Moonset:									12:39p			
Sunshine (in tenths of hours)	1.0	1.0	1.0	0.4	0.6	0.0						
Wind direction	NW	W	NW	NW	W	W	W	W	W	W	W	W
Wind movement	9	8	8	6	6	4	2	2	1	1	3	7
Maximum velocities (exceeding 29 miles) direction and time												

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
77	56	66	

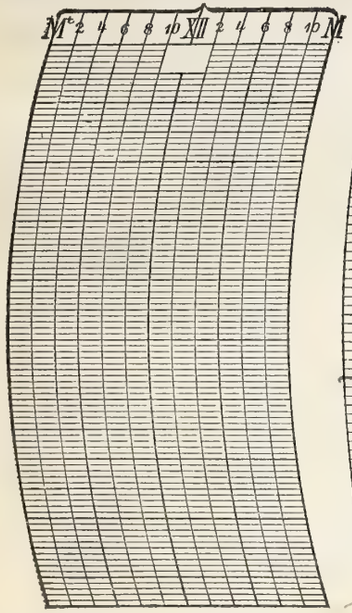
Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Partly Cloudy Moon phase,
Average daily cloudiness (0-10), 5
Actual sunshine, hours, 12.5 Possible sunshine, hours, 15.0
Per cent of possible sunshine, 83
Prevailing wind direction, NW Total wind 143
Average hourly velocity, 6.0 Extreme velocity, 12
Maximum velocity, 12 Direction, NW
Time began, 12:32p
Reduced barometer, 30.16 7 a. m. 30.14 p. m.
River gage, 6.9 ft.
Relative humidity, 86 7 a. m. 60 p. m.

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

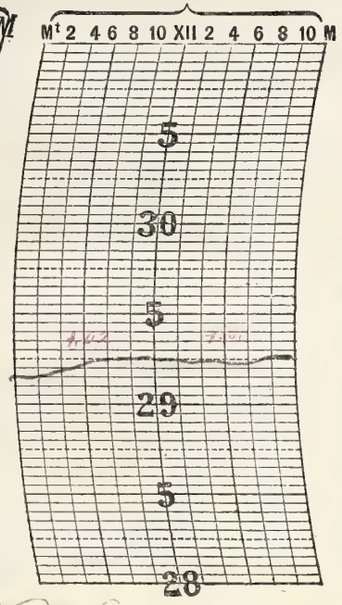
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 73.0 Wet temperature, 64.8
Dew-point, 61 R. humidity, 64 V. pressure, 5.3
Clouds: Amount, 6; Kind, Cu; Direction, NW
Velocity of clouds (miles per hour)

THERMOGRAPH.



BAROGRAPH.



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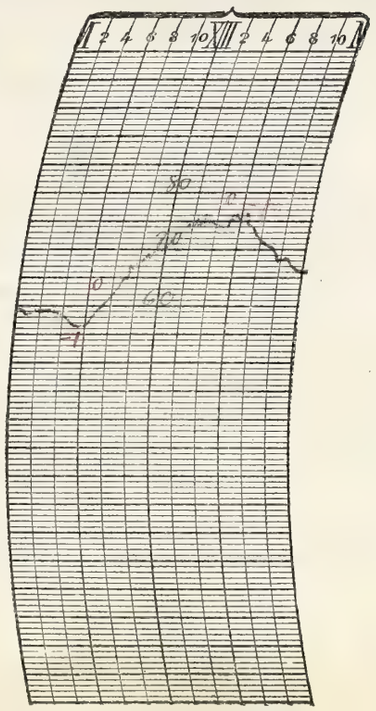


NOTES.

A fair day, cloudy and warm day.

All crops are in the best of condition from phenomenal precipitation. Hay making is progressing satisfactorily and wheat cutting will probably commence in the course of a few days. The rains of the past week have not injured the crops or delayed farming operations to any noticeable extent.

Prepared by [illegible]
Verified by P. McDonough

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Saturday, (Date) JUL 10 1920, 192

Time (local standard). 90th mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	64	64	62	62	61	64	[illegible]	72	75	75	74	75
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions	Clear											
Sunrise: Time, 4:18 Character, Clear												
Moonrise:												
Sunshine (in tenths of hours)					70 0	67	1.0	1.0	[illegible]	[illegible]	[illegible]	[illegible]
Wind direction	S	S	S	S	S		S	SW	[illegible]	W	N	N
Wind movement	1	2	4	2	1	0	3	3	4	3	4	6
Maximum velocities (exceeding 8.9 miles) direction and time												

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	78	80	79	79	79	78	[illegible]	75	74	72	70	69
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions	Pt Cloudy				Clear			Pt Cloudy				
Sunset: Time, 7:15 Character, Clear												
Moonset:												
Sunshine (in tenths of hours)	0.9	0.4	0.6	0.8	0.9	0.1	0.2					
Wind direction	E	E	E	E	SE	SE	SE	SE	[illegible]	S	S	S
Wind movement	4	4	6	5	6	4	3	3	2	3	2	2
Maximum velocities (exceeding 8.9 miles) direction and time												

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
80	61	[illegible]	

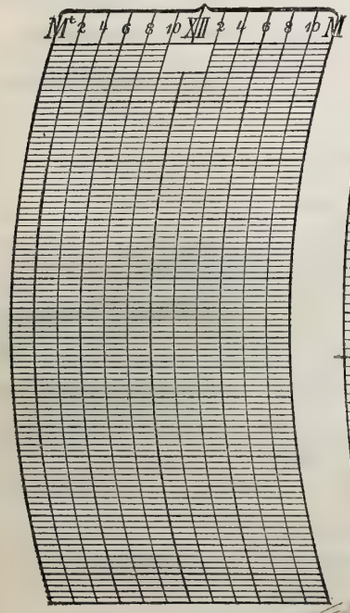
Total depth of snow for 24 hours ending 7 p. m., ___ inches.
Snow, sleet, and hail on ground 0 p. m., 0 inches.
Total snowfall, midnight to midnight, ___ inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Pt Cloud Moon phase, ___
Average daily cloudiness (0-10), 4
Actual sunshine, hours, 10.5 Possible sunshine, hours, 15
Per cent of possible sunshine, 70
Prevailing wind direction, ___ Total wind ___
Average hourly velocity, 3.2 Extreme velocity, 7
Maximum velocity, ___ Direction, ___
Time began, ___
Reduced barometer, 30.21 7 a. m. 30.12 7 p. m.
River gage, 6.8
Relative humidity, 73 7 a. m. 53 7 p. m.

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

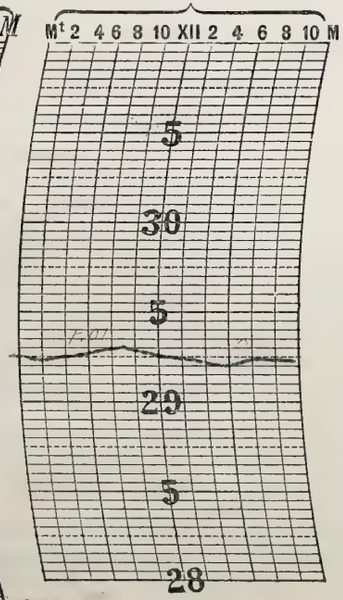
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 78.0 Wet temperature, 65.8
Dew-point, 57 R. humidity, 52 V. pressure, .499
Clouds: Amount, 3 Few; Kind, Cu Pst; Direction, 0
Velocity of clouds (miles per hour)

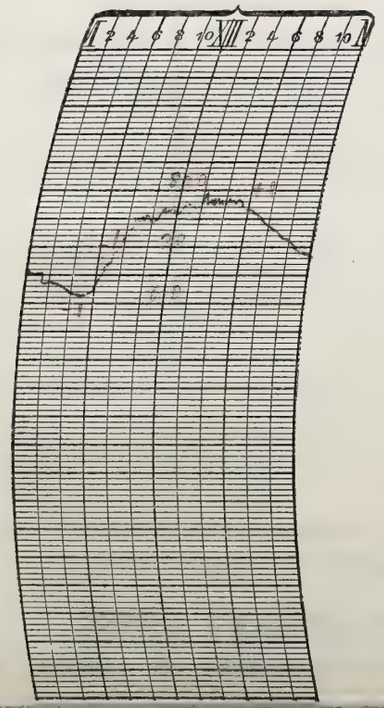
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

A partly cloudy day with moderate temperatures and light winds

Prepared by [illegible]

Verified by [illegible]

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne Ind., (Day of week) Sunday, (Date) JUL 11 1920, 192

Time (local standard). 90° mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	66	65	65	64	63	63	66	67	71	73	72	72
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions					Cloudy							
Sunshine (in tenths of hours)					0	0		0	0.2	1.0	0.2	0.2
Wind direction	C	S	S	NE	NE	NE	NE	NE	NE	NE	E	E
Wind movement	2	3	3	4	5	4	5	5	4	5	7	7
Maximum velocities (exceeding 29 miles) direction and time												

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	75	76	77	75	74	74	69	67	66	65	63	63
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions					Cloudy							
Sunshine (in tenths of hours)	0.6	1.0	1.0	0.4		0						
Wind direction	E	E	E	E	NE	NE	SE	SW	SW	SW	SW	SW
Wind movement	6	9	10	8	5	5	4	5	4	5	5	4
Maximum velocities (exceeding 29 miles) direction and time												

Sunrise: Time, 4:18 Character, Clouds
Moonrise: 12:15a
Sunset: Time, 7:14 Character, Clear
Moonset: 2:53p

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

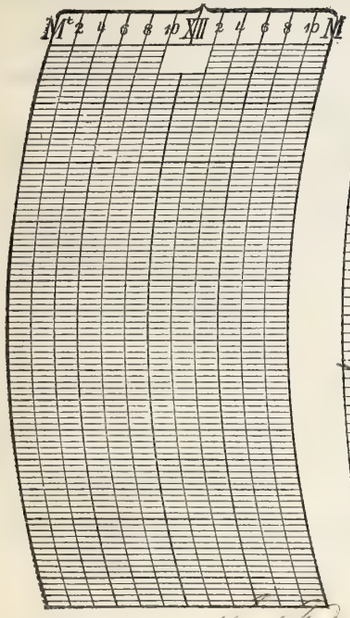
Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
77	63	70	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, ____ inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Cloudy Moon phase, ____
Average daily cloudiness (0-10), 9
Actual sunshine, hours, 4.6 Possible sunshine, hours, 14.7
Per cent of possible sunshine, 31
Prevailing wind direction, NE Total wind 127
Average hourly velocity, 5.3 Extreme velocity, 15
Maximum velocity, 22 Direction, E
Time began, 2:28 p.m.
Reduced barometer, 30.14 a. m. 30.07 p. m.
River gage, 5.6 ft.
Relative humidity, 83 a. m. 72 p. m.

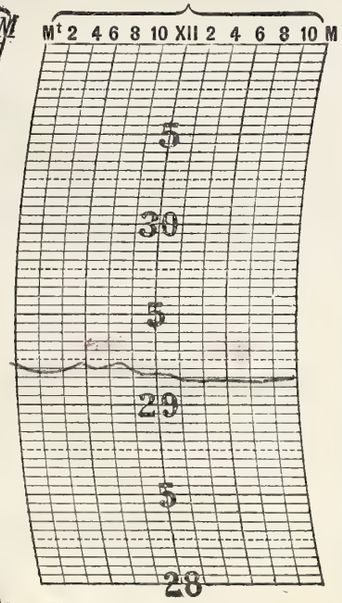
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 72.0 Wet temperature, 67
Dew-point, 64 R. humidity, 73 V. pressure, .595
Clouds: Amount, 8; Kind, Str.; Direction, W
Velocity of clouds (miles per hour)

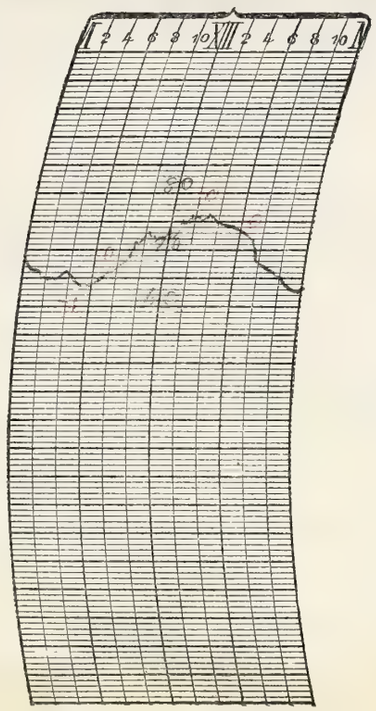
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

A cloudy day with moderate temperature.

Prepared by C. W. S.
Verified by J. McDonough

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Monday, (Date) JUL 12 1920, 192

Time (local standard). mer. normal time.	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	61	63	53	57	[illegible]	[illegible]	[illegible]	71	75	79	80	[illegible]
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions				Clear								Pt. Cloudy
Sunrise: Time, Character,	4:12 Clear											
Moonrise:	1:06a.											
Sunshine (in tenths of hours)					.68 0	1.0 0	0.4 0.6	1.0	1.0	1.0	1.0	1.0
Wind direction	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW
Wind movement	2	5	5	6	6	5	6	8	9	10	11	14
Maximum velocities (exceeding [illegible] miles) direction and time												

Time (local standard). mer. normal time.	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	81	82	83	82	83	82	80	77	76	74	72	72
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions												Clear
Sunset: Time, Character,									7:14 Clear			
Moonset:									3:15a.			
Sunshine (in tenths of hours)	0.9	1.0	1.0	1.0	1.0	0.8	0.2 0	1.0 0	.23 0			
Wind direction	SW	SW	SW	SW	SW	SW	SW	S	S	S	S	S
Wind movement	15	11	12	9	11	10	7	7	9	7	7	7
Maximum velocities (exceeding [illegible] miles) direction and time												

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

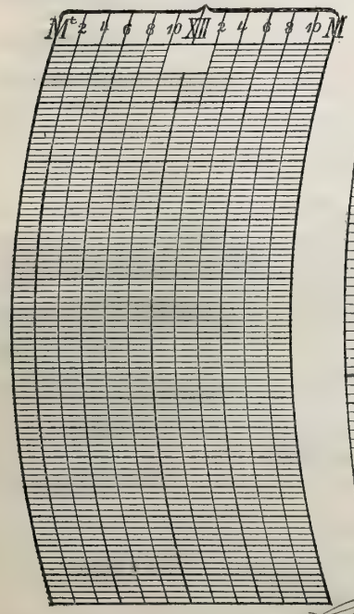
Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
84	59	72.1	

Total depth of snow for 24 hours ending [illegible] p. m., [illegible] inches.
Snow, sleet, and hail on ground [illegible] p. m., [illegible] inches.
Total snowfall, midnight to midnight, [illegible] inches.
Precipitation to [illegible] a. m., [illegible] ins.; to [illegible] p. m., [illegible] ins.
Total precipitation, midnight to midnight, [illegible] inches.
Character of day, Pt. Cloudy Moon phase, [illegible]
Average daily cloudiness (0-10), [illegible]
Actual sunshine, hours, 14.8 Possible sunshine, hours, [illegible]
Per cent of possible sunshine, 99
Prevailing wind direction, SW Total wind 199
Average hourly velocity, 8.3 Extreme velocity, 18
Maximum velocity, 16 Direction, SW
Time began, 11:29 a. m.
Reduced barometer, [illegible] a. m. [illegible] p. m.
River gage, [illegible]
Relative humidity, 82 a. m. 55 p. m.

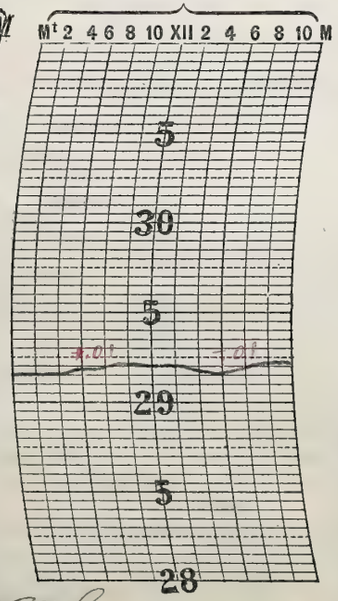
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 81.8 Wet temperature, 70.5
Dew-point, 65 R. humidity, 57 V. pressure, .616
Clouds: Amount, 4; Kind, Cu.; Direction, NW.
Velocity of clouds (miles per hour)

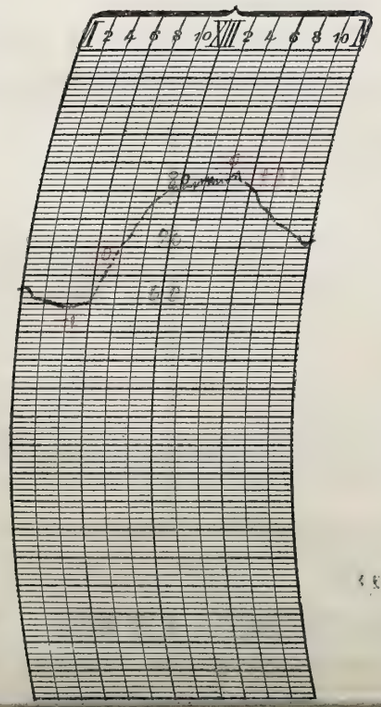
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

A fearly cloudy day with moderately high temperatures and an abundance of bright sunshine

Prepared by [illegible]
Verified by [illegible]

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Tuesday, (Date) JUL 13 1920, 192

Time (local standard). 90 mer. normal time.

	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	71	70	70	70	70	75	77	78	81	83	84	[illegible]
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions	Clear											
Sunshine (in tenths of hours)					0	0	0.5	1.0	1.0	1.0	1.0	1.0
Wind direction	S	S	S	SW	SW	SW	SW	SW	SW	SW	SW	SW
Wind movement	8	7	7	10	10	11	10	11	13	14	15	16
Maximum velocities (exceeding 24 miles) direction and time												

	P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	87	87	81	67 RB 3:35	67	70 RE 5:10	70 RB 6:32	68	67	68	68	[illegible]
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation				.20	.04	T	T	.10	.08	.02	T	.35
Cloudiness and other conditions	Pt Cldy					Cloudy						9
Sunshine (in tenths of hours)	1.0	1.0	1.0	0	0	0	0	0				
Wind direction	SW	SW	SW	SW	SW	W	S	SW	SW	S	S	NW
Wind movement	17	18	17	26	9	4	9	8	11	10	5	8
Maximum velocities (exceeding 24 miles) direction and time				34 SW 3:24								

Sunrise: Time, 4:20 Character, Clear
Moonrise: 2:01a
Sunset: Time, 7:13 Character, Cloudy
Moonset: 5:03p

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
88	66	[illegible]	

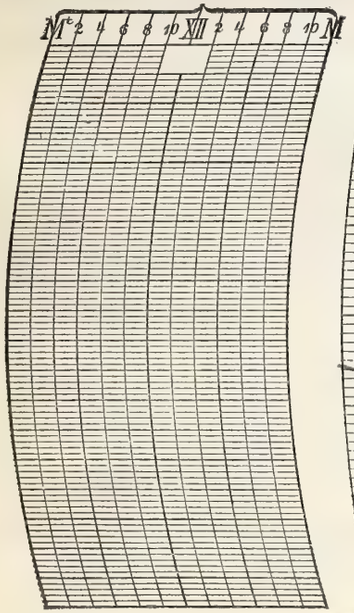
Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., .84 ins.
Total precipitation, midnight to midnight, 1.19 inches.
Character of day, Pt Cloudy Moon phase,
Average daily cloudiness (0-10), 5
Actual sunshine, hours, 10.2 Possible sunshine, hours, 14.3
Per cent of possible sunshine, 72
Prevailing wind direction, SW Total wind 270
Average hourly velocity, 11.2 Extreme velocity, 35
Maximum velocity, 34 Direction, SW
Time began, 3:24 pm
Reduced barometer, 30.14 7 a. m. 30.05 7 p. m.
River gage, 4.0 ft.
Relative humidity, 72 7 a. m. 88 7 p. m.

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

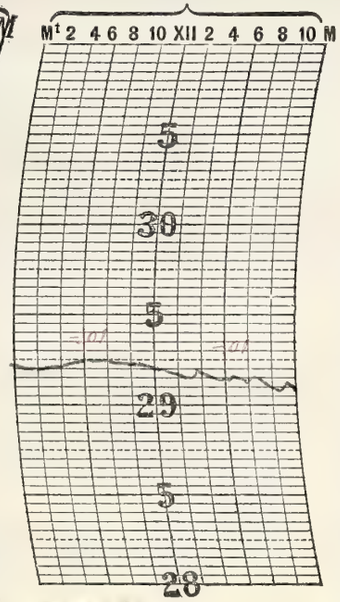
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 85.3 Wet temperature, 72.3
Dew-point, 66 R. H. humidity, 54 V. pressure, .638
Clouds: Amount, 7; Kind, Cu; Direction, NW
Velocity of clouds (miles per hour)

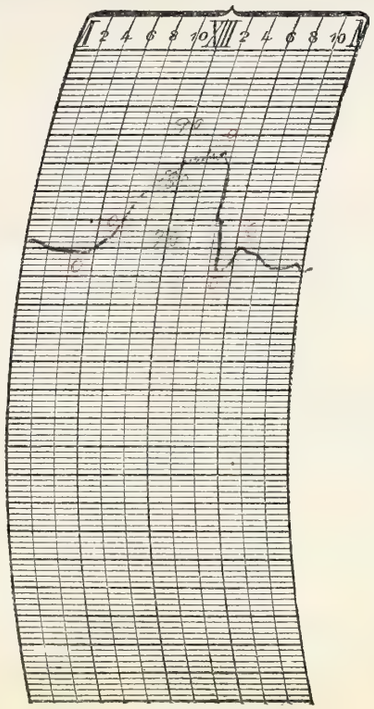
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

Thunderstorm:— First thunder heard 3:50 pm; last thunder heard 5:02 pm. The storm moved from the west, its character was light and was accompanied by light precipitation.

The day was mainly cloudy as a whole with moderate temperatures and moderate southwesterly winds most of the time. There was however a squall about 3:40 pm almost immediately preceding the thunderstorm.

Prepared by [illegible]

Verified by [illegible]

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Wednesday, (Date) JUL 14 1920, 192

Time (local standard). 90° mer. normal time.

	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	66	66	68	68	69	70	71	74	76	74	77	80
State of weather: Nature of precipitation and time of beginning and ending		RE DNR										
Amounts of precipitation	.14	.01										
Cloudiness and other conditions	7				Pt.	Cloudy			×			Cloudy
Sunshine (in tenths of hours)					0	0	0.3	0.3	0.9	0.7	0.6	0.5
Wind direction	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	W
Wind movement	7	11	13	15	14	13	11	12	14	17	15	13

Sunrise: Time, 4:21 Character, Cloudy. Moonrise: 3:04a

	P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	79	76	74	76	76	74	72	68	65	61	59	57
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions					×		Pt.	Cloudy				7
Sunshine (in tenths of hours)	1.0	1.0	0.6	0.9	0.8	1.0	0.4	0				
Wind direction	W	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW
Wind movement	13	15	13	9	10	10	9	9	8	7	6	6

Sunset: Time, 7:13 Character, Clear. Moonset: 6:01p

Maximum velocities (exceeding 29 miles) direction and time.

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts.

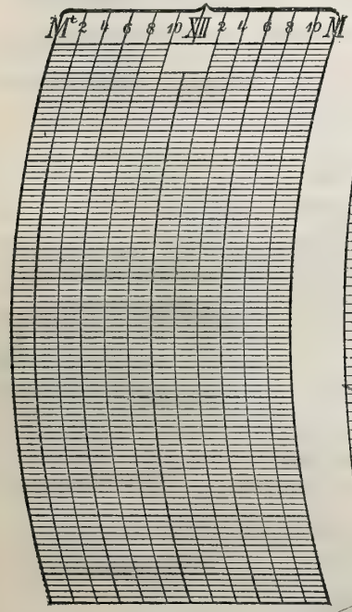
Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
81	57	69	✓

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., .20 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, inches.
Character of day, Pt. Cloudy Moon phase,
Average daily cloudiness (0–10), 7
Actual sunshine, hours, 9.8 Possible sunshine, hours, 14.9
Per cent of possible sunshine, 66
Prevailing wind direction, SW+NW Total wind 270
Average hourly velocity, 11.5 Extreme velocity, 21
Maximum velocity, 30 Direction, SW
Time began, 10:53a
Reduced barometer, 30.00 7 a. m. 30.01 7 p. m.
River gage, 4.4 ft.
Relative humidity, 89 7 a. m. 66 7 p. m.

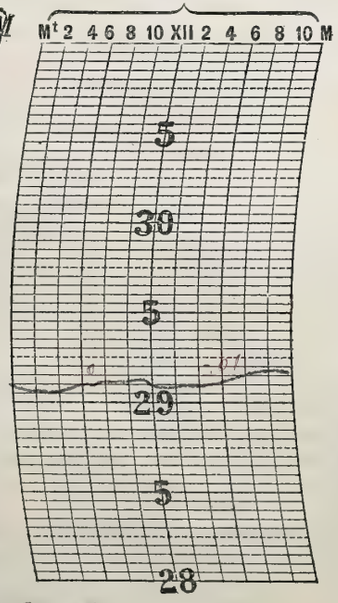
OBSERVATIONS AT 12 NOON. (Local Mean Time.)

Dry temperature, 78.2 Wet temperature, 74.0
Dew-point, 72 R. humidity, 82 V. pressure, .783
Clouds: Amount, 8; Kind, Strat.; Direction, W
Velocity of clouds (miles per hour)

THERMOGRAPH.



BAROGRAPH.



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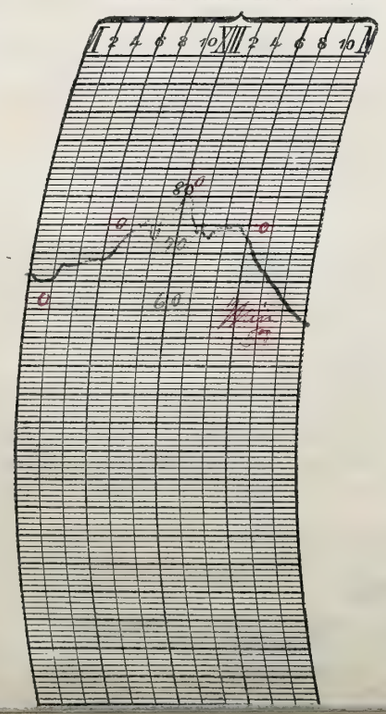


NOTES.

Prepared by

Verified by

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Thursday, (Date) JUL 15 1920, 192

Time (local standard). 90th mer. normal time.

	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	56	55	55	64	54	58	62	64	72	74	77	79
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions						Clear						
Sunshine (in tenths of hours)					0	0	0.8	1.0	1.0	1.0	1.0	1.0
Wind direction	NW	NW	NW	NW	W	W	W	W	W	W	W	W
Wind movement	6	6	4	5	4	6	6	9	9	10	11	12

	P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	77	78	79	78	77	76	74	72	70	68	66	64
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions	Pt. Cloudy								Clear			
Sunshine (in tenths of hours)	1.0	1.0	1.0	1.0	1.0	0.3	0	0				
Wind direction	W	NW	NW	NW	NW	NW	N	N	N	N	N	N
Wind movement	13	13	13	12	12	9	6	3	4	3	4	4

Sunrise: Time, 4:21; Character, Clear. Moonrise: 4:14a

Sunset: Time, 7:12; Character, Cloudy. Moonset: 6:52p

Maximum velocities (exceeding ..... miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
80	54	67	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow, sleet, and hail on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Clear. Moon phase, NEW 2:25 pm.

Average daily cloudiness (0–10), 3

Actual sunshine, hours, 12.8 Possible sunshine, hours, 14.8

Per cent of possible sunshine, 86

Prevailing wind direction, NW. Total wind 184

Average hourly velocity, 7.7 Extreme velocity, 15

Maximum velocity, 15 Direction, W

Time began, 12:25 p.m.

Reduced barometer, 30.08 a. m. 30.06 p. m.

River gage, 6.5 feet

Relative humidity, 79 a. m. 53 p. m.

OBSERVATIONS AT 12 NOON. (Local Mean Time.)

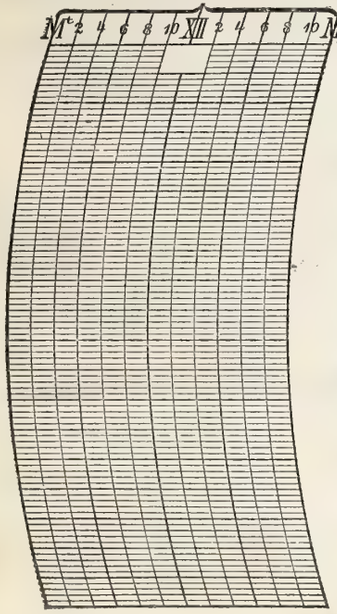
Dry temperature, 77.7 Wet temperature, 66.2

Dew-point, 60 R. humidity, 55 V. pressure, .511

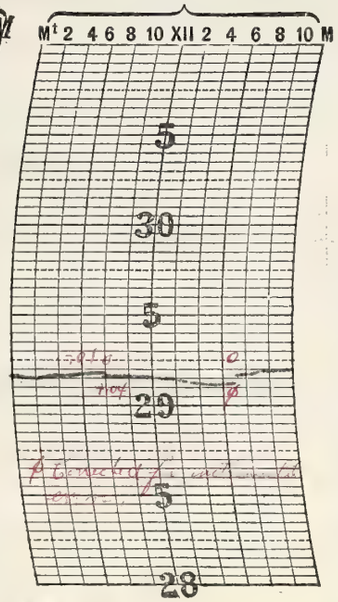
Clouds: Amount, 4; Kind, Cu; Direction, NW

Velocity of clouds (miles per hour)

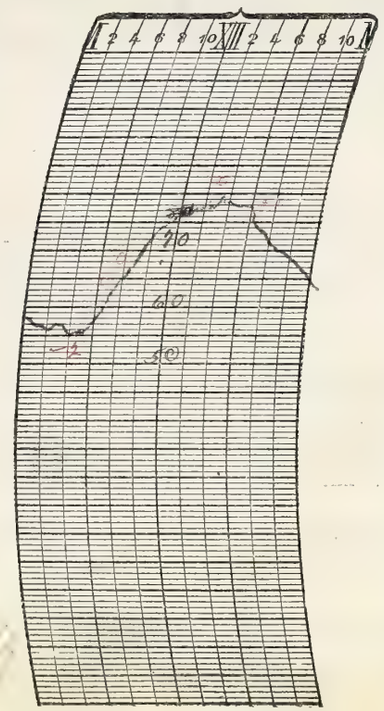
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

A clear, cool, and very pleasant day with an abundance of sunshine

Prepared by

Verified by

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Friday, (Date) JUL 1 1920, 192

Time (local standard). 90 mer. normal time.

	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	62	61	59	58	57	59		67	70	71	74	72
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions	Clear											
Sunshine (in tenths of hours)					.63 0	1.0 0	0.1 0.9	1.0	1.0	1.0	1.0	1.0
Wind direction	N	N	N	N	N	NE	E	E	NE	NE	NW	[illegible]
Wind movement	3	4	4	4	5	6	4	2	4	4	1	0

	P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	75	76	76	76	75	[illegible]	72	67	65	62	61	60
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions	Clear											
Sunshine (in tenths of hours)	1.0	1.0	1.0	1.0	1.0	1.0	0.8 0.2	.18 [illegible]				
Wind direction	NW	W	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW
Wind movement	7	2	8	7	8	10	8	6	8	6	4	3

Sunrise: Time, 4:22 Character, Clear

Moonrise: 5:27a

Sunset: Time, [illegible] Character, Clear

Moonset: 2:35p

Maximum velocities (exceeding 22 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
77	57	[illegible]	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow, sleet, and hail on ground [illegible] p. m., [illegible] inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, [illegible] inches.

Character of day, Clear Moon phase,

Average daily cloudiness (0–10),

Actual sunshine, hours, 14.8 Possible sunshine, hours, 14.8

Per cent of possible sunshine, 100

Prevailing wind direction, NW Total wind 23

Average hourly velocity, 3.7 Extreme velocity, 14

Maximum velocity, 13 Direction, NW

Time began, 5:[illegible] p. m.

Reduced barometer, 30.[illegible] a. m. 30.02 p. m.

River gage, Dam 5.0 ft.

Relative humidity, 90 a. m. 44 p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

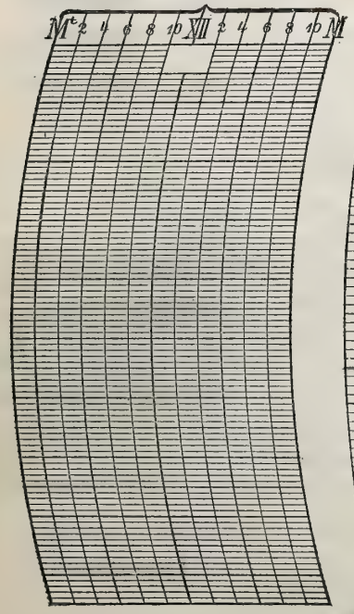
Dry temperature, 73.1 Wet temperature, 61.0

Dew-point, 53 R. humidity, 50 V. pressure, .402

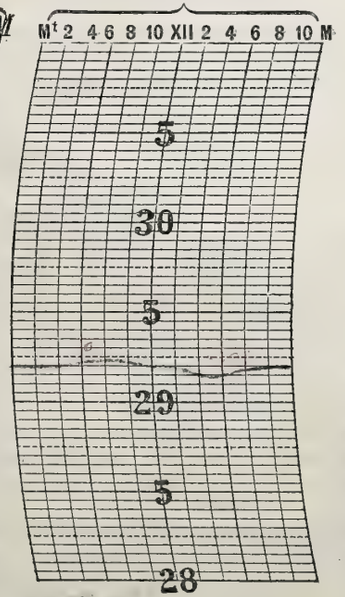
Clouds: Amount, 2; Kind, Cu; Direction, W

Velocity of clouds (miles per hour)

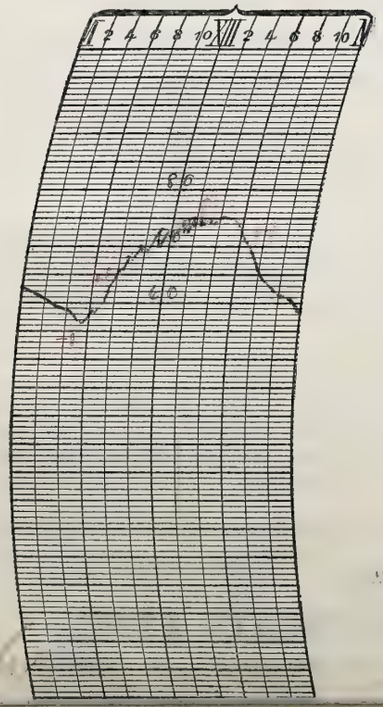
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

A clear, cool and exceedingly pleasant day with an abundance of sunshine

Prepared by [illegible]

Verified by [illegible]

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Saturday, (Date) JUL 17 1920, 192

Time (local standard). 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	58	57	56	55	54	55		68	71	72	75	76
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions	Clear											
Sunrise: Time, Character,	4:25 Clear											
Moonrise:	1 AM											
Sunshine (in tenths of hours)					.62 0	1.0 0	0.3 0.7	1.0	1.0	1.0	1.0	1.0
Wind direction	NW	NW	NW	NW	NW	NW	NW	NW	NW	N	NE	N
Wind movement	4	3	2	2	3	4	3	1	3	4	6	4
Maximum velocities (exceeding 25 miles) direction and time												

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	78	80	80	79	78	77	77	75	74	73	71	70
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions	Pt. Cloudy							Cloudy				
Sunset: Time, Character,	7:11 Cloudy											
Moonset:	8:11 PM											
Sunshine (in tenths of hours)	1.0	1.0	1.0	1.0	0.3	0	0	0				
Wind direction	SE	SW	SW	S	S	SE	SE	SE	SE	S	S	S
Wind movement	5	6	6	7	7	4	4	4	2	1	1	1
Maximum velocities (exceeding 25 miles) direction and time												

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
80	54	67	

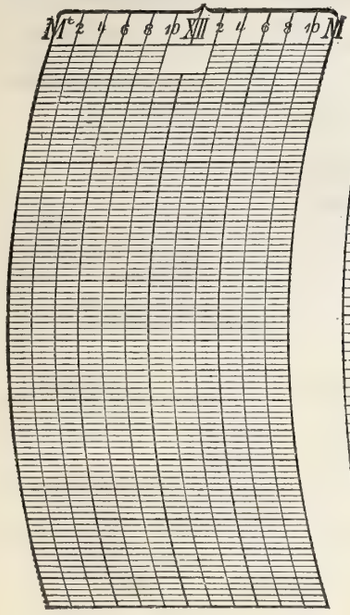
Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Clear Moon phase,
Average daily cloudiness (0-10), 2
Actual sunshine, hours, 11.2 Possible sunshine, hours, 14.0
Per cent of possible sunshine, 80
Prevailing wind direction, NW Total wind 102
Average hourly velocity, 4.2 Extreme velocity, 10
Maximum velocity, 12 Direction,
Time began, 2:37 pm
Reduced barometer, a. m. 29.94 p. m.
River gage, 4.1 Rise
Relative humidity, 53 a. m. 41 p. m.

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

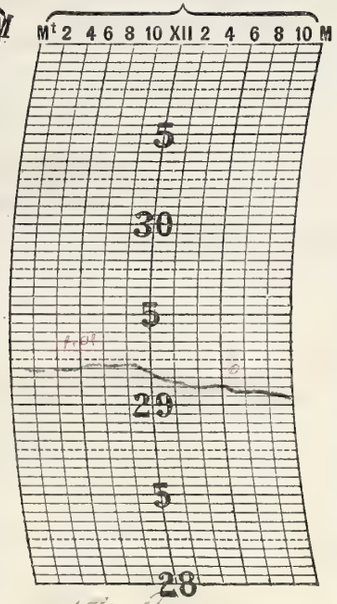
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 76.0 Wet temperature, 62.0
Dew-point, 53 R. humidity, 45 V. pressure, 40.2
Clouds: Amount, 1; Kind, Cu; Direction, NW
Velocity of clouds (miles per hour)

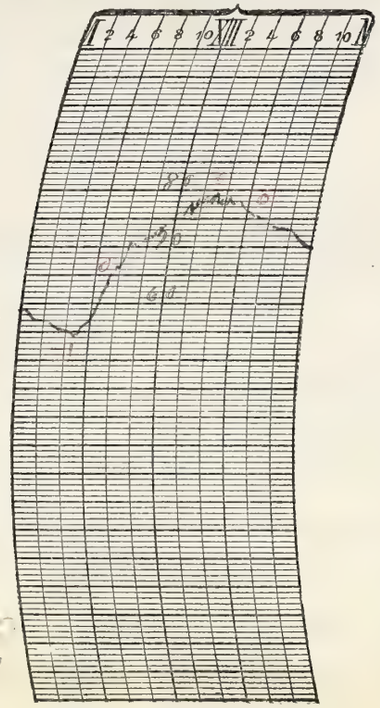
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

As a whole, this was a clear day. About [illegible] o'clock in the afternoon, the sky commenced to become overcast with apparently threatening clouds, but there were [illegible]

Prepared by

Verified by

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Sunday, (Date) JUL 15 1900, 192

Time (local standard). 75 mer. normal time.

	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	69	68	67	67	67	70	[illegible]	75	78	80	82	82
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions	Cloudy											
Sunshine (in tenths of hours)					0	0	0	0.1	1.0	1.0	1.0	1.0
Wind direction	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW
Wind movement	7	10	10	10	10	10	[illegible]	[illegible]	16	16	15	[illegible]
Maximum velocities (exceeding [illegible] miles) direction and time												

	P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	68	72	70	70	68	64	[illegible]	63	62	60	60	61
State of weather: Nature of precipitation and time of beginning and ending	RB 12:27	RE										
Amounts of precipitation	.52	.25										
Cloudiness and other conditions	Cloudy											
Sunshine (in tenths of hours)	0	0	0.3	0.3	0.3	0.2	0.1	[illegible]				
Wind direction	NW	W	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW
Wind movement	24	15	[illegible]	[illegible]	15	[illegible]	[illegible]	[illegible]	3	3	4	2
Maximum velocities (exceeding [illegible] miles) direction and time	32 NW 12:[illegible]											

Sunrise: Time, 4:24 Character, Cloudy

Moonrise: 7:51a

Sunset: Time, 7:10 Character, Cloudy

Moonset: 8:49p

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
83	60	72	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow, sleet, and hail on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., .77 ins.

Total precipitation, midnight to midnight, .77 inches.

Character of day, Cloudy Moon phase,

Average daily cloudiness (0–10), 4

Actual sunshine, hours, 6.1 Possible sunshine, hours, 14.3

Per cent of possible sunshine, 42

Prevailing wind direction, SW Total wind 295

Average hourly velocity, 12.3 Extreme velocity, 33

Maximum velocity, * 32 Direction, NW

Time began, 12:33 pm

Reduced barometer, 29.84 7 a. m. 29.8[illegible] 7 p. m.

River gage, 3.6

Relative humidity, 73 7 a. m. [illegible] 7 p. m.

	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts	12:27p	1:35p	.77	12:32p	1.19p	.01	.08	.26	.41	.45	.49	.51	.52	.60	.72	.76				

OBSERVATIONS AT 12 NOON. (Local Mean Time.)

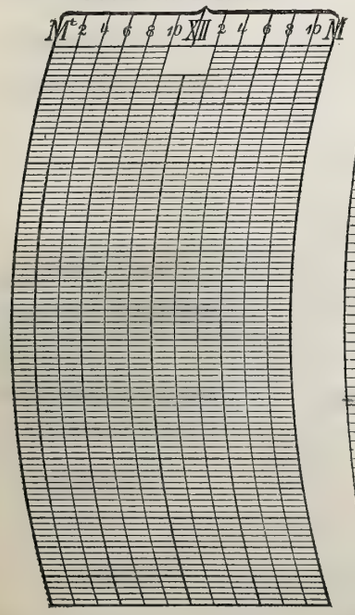
Dry temperature, 82.0 Wet temperature, 76.5

Dew-point, 74 R. humidity, 76 V. pressure, .830

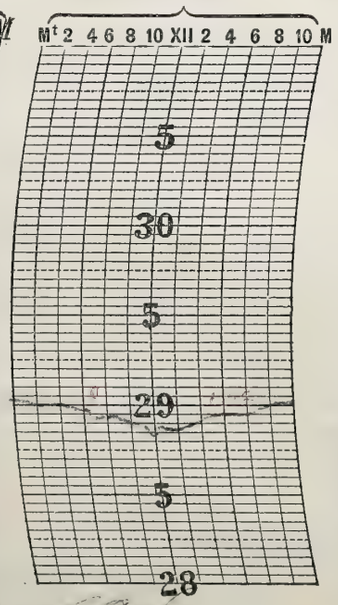
Clouds: Amount, 10; Kind, Strat.; Direction, [illegible]

Velocity of clouds (miles per hour)

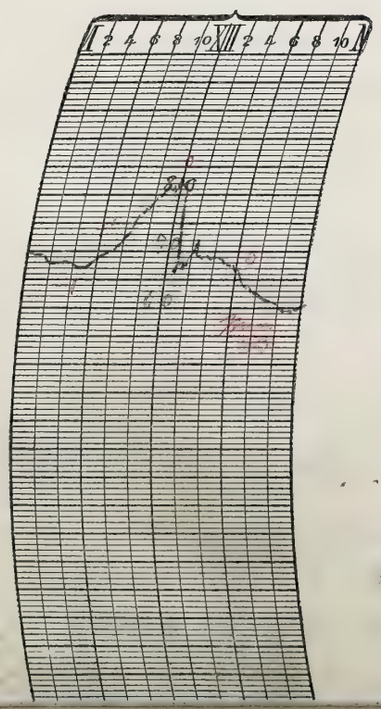
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



Prepared by

Verified by

NOTES.

* Battery trouble. Values interpolated.

* Max for 16 Hrs. + 11 Min.

Noon 75th Meridian Time special observation called for by Central Office. It was taken at 12:40 pm 75th Meridian Time.

Thunderstorm - Thunder first heard at 12:15 pm and last heard at 1:35 pm. The storm moved from the west was of moderate intensity and accompanied by a moderate amount of rain. Considerable damage has been reported in the district to the north of this city and the fatal injury of Mr. G. Shie of this city on account of this storm. Mr. Shie is reported to have been struck by lightning while standing in the doorway of his home on Anne Street

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Monday, (Date) JUL 19 1920, 192

Time (local standard). 90 7 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	61	60	60	63	59	60	60	64	66	69	71	72
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions					Clear							Partly
Sunshine (in tenths of hours)					0	0.4	1.0	1.0	1.0	1.0	1.0	1.0
Wind direction	NW	NW	N	N	N	N	N	N	N	N	N	N
Wind movement	7	7	9	8	10	8	10	11	12	11	10	10

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	73	74	75	74	73	73	74	71	68	64	62	
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions					Clear							
Sunshine (in tenths of hours)	0.9	1.0	1.0	1.0	1.0	1.0	0.9	0.15				
Wind direction	N	NE	N	N	N	N	N	N	0	NW	N	N
Wind movement	9	9	7	8	5	5	3	1	0	4	3	7

Sunrise: Time, 4:25 Character, Clear

Moonrise: 9:00a

Sunset: Time, 7:09 Character, Clear

Moonset: 9:41p.

Maximum velocities (exceeding ____ miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
76	59	68	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow, sleet, and hail on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Clear Moon phase,

Average daily cloudiness (0-10), 2

Actual sunshine, hours, 14.6 Possible sunshine, hours, 14.7

Per cent of possible sunshine, 99

Prevailing wind direction, N Total wind 172

Average hourly velocity, 7.2 Extreme velocity, 14

Maximum velocity, 13 Direction, N

Time began, 6:47 am.

Reduced barometer, [illegible] a. m. [illegible] p. m.

River gage, 6.9 feet

Relative humidity, [illegible] a. m. [illegible] p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

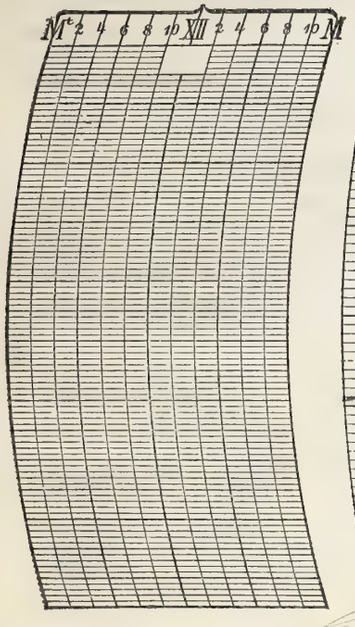
Dry temperature, 72.0 Wet temperature, 65.0

Dew-point, 61 R. humidity, 62 V. pressure, [illegible]

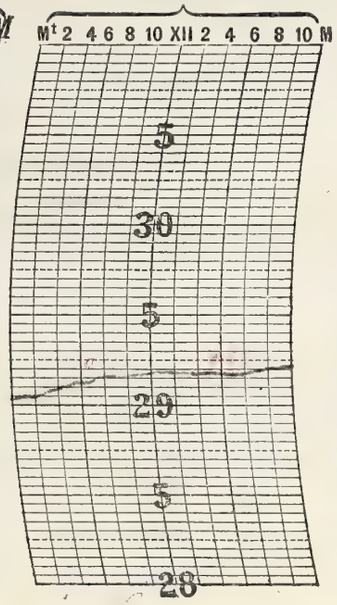
Clouds: Amount, 4; Kind, Cu; Direction, N

Velocity of clouds (miles per hour)

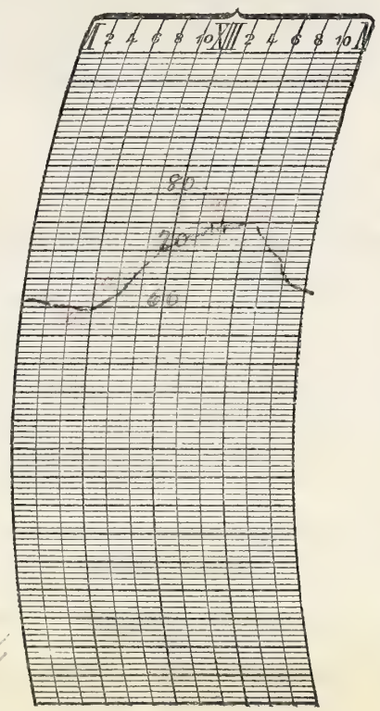
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

During the last week planting operations have progressed rapidly. During the drought between this city and Decatur, Ind., a distance of forty-five miles as the crow flies, it has been learned from personal observation that except for a few scattered fields all the hay is under cover and much of the wheat has been cut and shocked with threshing in progress on a few farms.

A beautiful clear, cool, and very invigorating day.

Prepared by [illegible]

Verified by P. McDonough

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Tuesday, (Date) JUL 24 1928, 192

Time (local standard). ..... mer. normal time.

A. M.	12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	61	60	59	58	60	63	66	72	73	75	77	79
Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions	Clear											
Sunshine (in tenths of hours)					0	0.4	1.0	1.0	1.0	1.0	1.0	1.0
Wind direction	N	N	N	NW	NW	N	N	NW	W	SW	SW	SW
Wind movement	3	2	1	1	2	1	1	1	4	7	7	7

Sunrise: Time, 4:26 Character, Clear. Moonrise: 10:05 a.

P. M.	12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	78	80	80	80	80	79	76	74	72	70	69	68
Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions	Clear							Pt. Cloudy				
Sunshine (in tenths of hours)	1.0	1.0	1.0	1.0	1.0	0.4	0	0				
Wind direction	SW	SW	SW	W	SW	SW	SW	SW	SW	S	S	S
Wind movement	8	8	9	8	9	6	5	5	4	4	6	7

Sunset: Time, 8:00 Character, Cloudy. Moonset: 9:52 p.

Maximum velocities (exceeding ..... miles) direction and time.

Total duration. From—	Total duration. To—	Total amount of precipitation.	Excessive rate. Began—	Excessive rate. Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

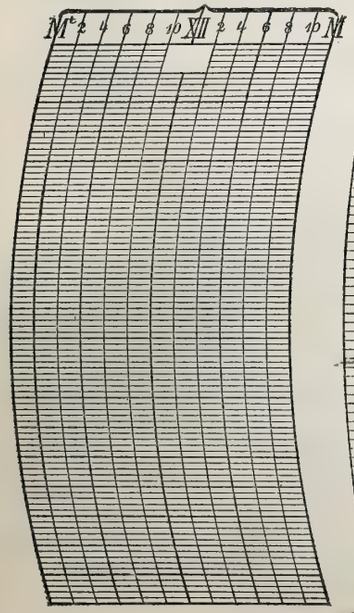
Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
81	58	70.1	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Clear. Moon phase, ...
Average daily cloudiness (0–10), 3
Actual sunshine, hours, 12.9 Possible sunshine, hours, 14.7
Per cent of possible sunshine, 88
Prevailing wind direction, SW. Total wind .....
Average hourly velocity, 7.8 Extreme velocity, ...
Maximum velocity, ... Direction, ...
Time began, 3:10 p.m.
Reduced barometer, 30.54 a. m. 30.44 p. m.
River gage, 6.4 Feet.
Relative humidity, 71 a. m. 51 p. m.

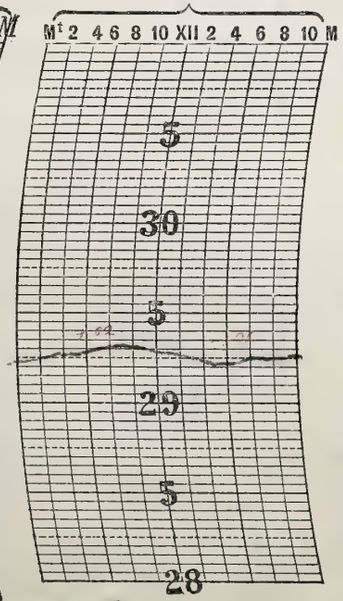
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 78.5 Wet temperature, 67.0
Dew-point, 61 R. humidity, 55 V. pressure, .536
Clouds: Amount, 2; Kind, AST; Direction, NW.
Velocity of clouds (miles per hour)

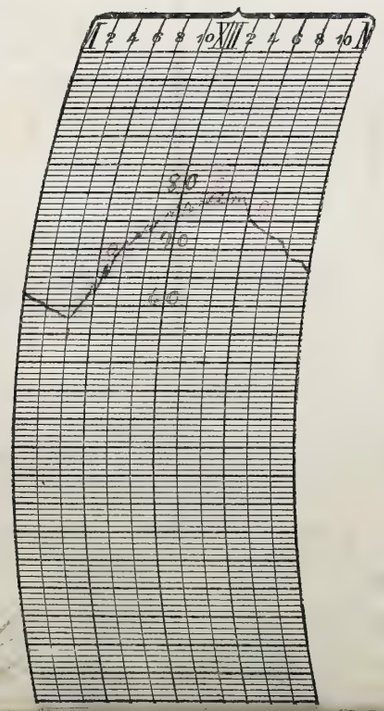
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

A clear, cool and ideal day.

Prepared by .....
Verified by .....

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne Ind., (Day of week) Wednesday, (Date) JUL 21 1920, 192

Time (local standard). 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	66	65	64	63	63	60	63	74	78	78	81	83
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions	5					Clear					*	
Sunrise: Time, Character,	4:27 Clear											
Moonrise:	11:00a											
Sunshine (in tenths of hours)					0	0.1	1.0	1.0	1.0	1.0	1.0	1.0
Wind direction	S	S	S	SW	SW	SW	SW	SW	SW	W	SW	SW
Wind movement	6	6	6	7	8	8	10	11	10	11	12	11
Maximum velocities (exceeding 25 miles) direction and time												

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	84	86	85	85	84	83	82	74	72	72	72	68
State of weather: Nature of precipitation and time of beginning and ending								RB 7:14 RE 7:37				
Amounts of precipitation								.03				
Cloudiness and other conditions	Clear					*	HSlyx	Cldy				5
Sunset: Time, Character,	7:08 Cloudy											
Moonset:	10:24P											
Sunshine (in tenths of hours)	1.0	1.0	1.0	1.0	1.0	0.3	0	0				
Wind direction	SW	SW	SW	SW	SW	SW	SW	N	SW	SW	SW	S
Wind movement	10	12	11	10	10	9	8	10	3	3	3	5
Maximum velocities (exceeding 25 miles) direction and time												

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

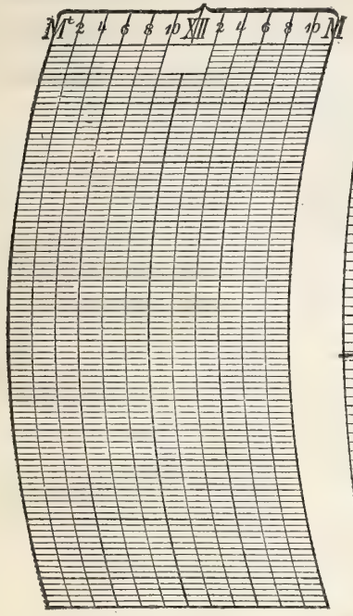
Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
86	63	74	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, .03 inches.
Character of day, Clear Moon phase,
Average daily cloudiness (0-10), 3
Actual sunshine, hours, 12.8 Possible sunshine, hours, 14.2
Per cent of possible sunshine, 87
Prevailing wind direction, SW Total wind 200
Average hourly velocity, 8.3 Extreme velocity, 31
Maximum velocity, 26 Direction, W
Time began, 6:55 p.m.
Reduced barometer, 30.10 7 a. m. 30.07 7 p. m.
River gage, 5.0 Fall
Relative humidity, 71 7 a. m. 56 7 p. m.

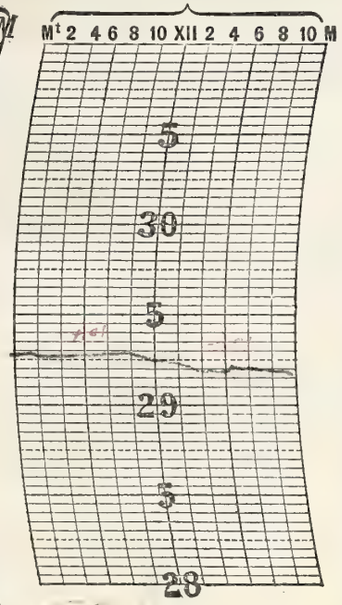
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 81.4 Wet temperature, 71.0
Dew-point, 66 R. humidity, 60 V. pressure, .638
Clouds: Amount, 3; Kind, ASt; Direction, W
Velocity of clouds (miles per hour)

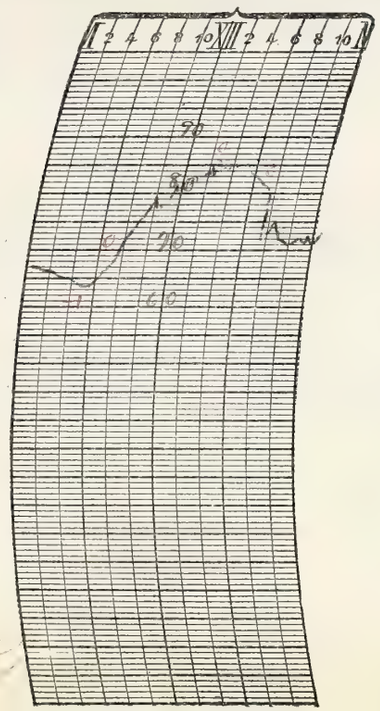
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

Thunderstorm: First thunder heard 7:05 pm; last thunder heard 7:57 pm. The storm moved from the northwest, was of light intensity and accompanied by a light shower of rain. However it is believed there was considerably more rain to the west and northeast of the station than at the station. No damage from this storm was reported.

Prepared by

Verified by

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Thursday, (Date) JUL 22 1920, 192

Time (local standard). 90 mer. normal time.

	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	70	70	69	67	63	[illegible]	[illegible]	[illegible]	76	80	82	83
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions	?	Cloudy										
Sunshine (in tenths of hours)					0	1.0 0	0.2 0	0.4	1.0	1.0	1.0	[illegible]
Wind direction	S	SW	SW	SW	SW	SW	SW	W	W	NW	[illegible]	[illegible]
Wind movement	7	5	4	5	5	5	6	5	[illegible]	8	10	[illegible]
Maximum velocities (exceeding [illegible] miles) direction and time												

	P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	84	85	85	85	84	82	82	79	77	75	74	[illegible]
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions	Clear											?
Sunshine (in tenths of hours)	1.0	1.0	1.0	1.0	1.0	0.9	0	0				
Wind direction	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW
Wind movement	11	11	11	12	9	6	5	5	3	3	2	1
Maximum velocities (exceeding [illegible] miles) direction and time												

Sunrise: Time, 4:27 Character, Cloudy
Moonrise: 12:[illegible]
Sunset: Time, 7:07 Character, Cloudy
Moonset: [illegible]

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
85	66	76	

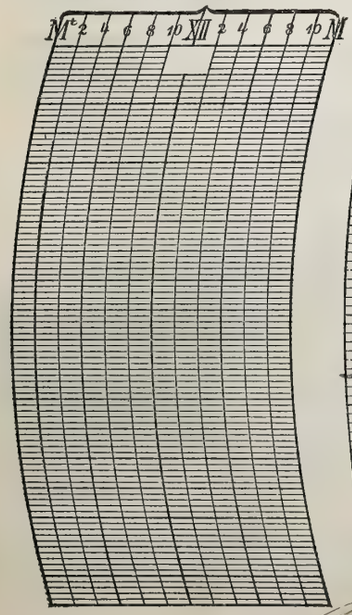
Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., .03 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Pt. Cloudy Moon phase, F. Q.
Average daily cloudiness (0-10), 5
Actual sunshine, hours, 11.5 Possible sunshine, hours, 14.7
Per cent of possible sunshine, 78
Prevailing wind direction, NW Total wind 155
Average hourly velocity, 6.5 Extreme velocity, 15
Maximum velocity, 15 Direction, NW
Time began, 12:15 p.m.
Reduced barometer, 30.[illegible] 7 a. m. 29.96 7 p. m.
River gage, [illegible]
Relative humidity, [illegible] 7 a. m. 76 7 p. m.

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

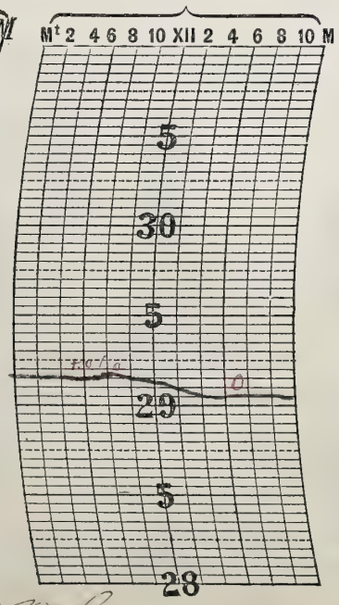
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 82.1 Wet temperature, 73.0
Dew-point, 69 R. humidity, 65 V. pressure, .707
Clouds: Amount, 7; Kind, ACu Strat; Direction, NW
Velocity of clouds (miles per hour)

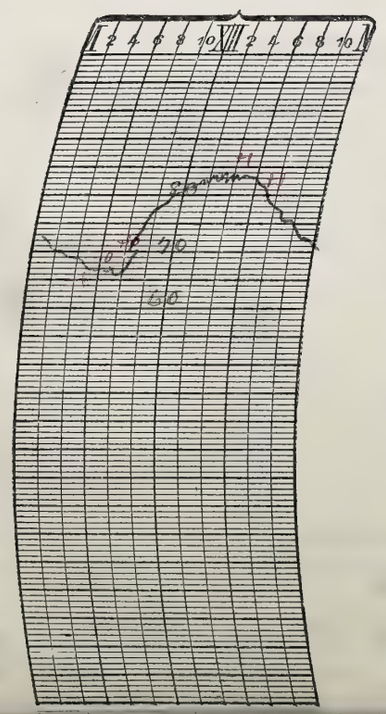
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

A pretty cloudy and rather warm day.
The highest and lowest temperatures for this state equalled those of July 22, 1919.

Prepared by [illegible]
Verified by [illegible]

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Friday, (Date) JUL 23 1920, 192

Time (local standard). 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	71	71	72	70	69	72	79	81	84	87	91	92
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions				Cloudy				×		Pt Cloudy		
Sunrise: Time, Character,	4:28 Cloudy											
Moonrise:	1:10 p.											
Sunshine (in tenths of hours)					0	0	0.4	1.0	1.0	1.0	1.0	1.0
Wind direction	0	NW	NW	S	S	SW	SW	SW	SW	SW	SW	SW
Wind movement	0	3	2	4	7	9	9	9	12	18	18	12
Maximum velocities (exceeding 99 miles) direction and time												

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	93	94	93	92	92	91	89	85	84	83	82	81
State of weather: Nature of precipitation and time of beginning and ending											RB 10:03 RF 10:20	
Amounts of precipitation											.01	
Cloudiness and other conditions				×	Clear				×	Pt Cloudy	×	Clear
Sunset: Time, Character,									7:06 Clear			
Moonset:									11:33 p.			
Sunshine (in tenths of hours)	1.0	1.0	1.0	1.0	1.0	1.0	1.0	3	3			
Wind direction	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	W
Wind movement	21	24	26	21	24	21	16	12	13	16	14	12
Maximum velocities (exceeding 99 miles) direction and time		30 SW 1:10	31 SW 2:15 p									

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

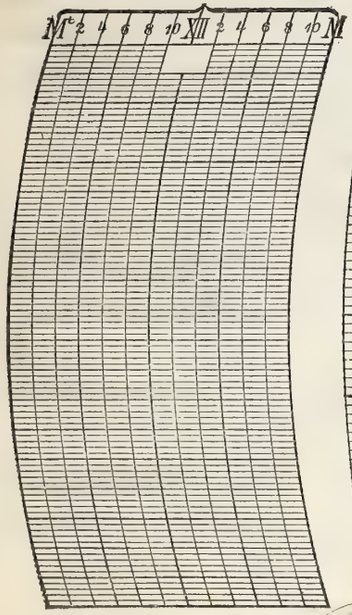
Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
94	69	82	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, .01 inches.
Character of day, Pt Cloudy Moon phase,
Average daily cloudiness (0-10), 5
Actual sunshine, hours, 12.5 Possible sunshine, hours, 14.6
Per cent of possible sunshine, 86
Prevailing wind direction, SW Total wind 533
Average hourly velocity, 13.9 Extreme velocity, 34
Maximum velocity, 31 Direction, SW
Time began, 2:15 pm
Reduced barometer, 29.8 7 a. m. 29.6 7 p. m.
River gage, 4.4 Feet
Relative humidity, 85 7 a. m. 7 p. m.

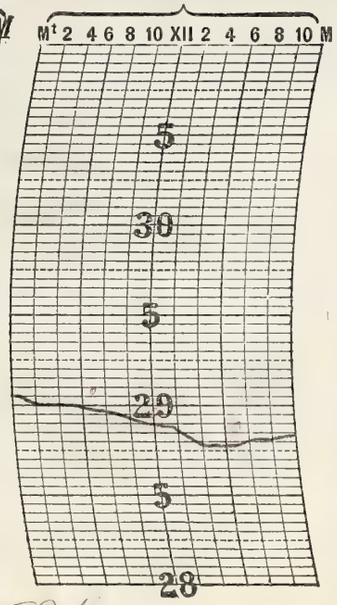
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 91.6 Wet temperature, 76.0
Dew-point, 70 R. humidity, 49 V. pressure, .232
Clouds: Amount, 6; Kind, AST; Direction, NW
Velocity of clouds (miles per hour)

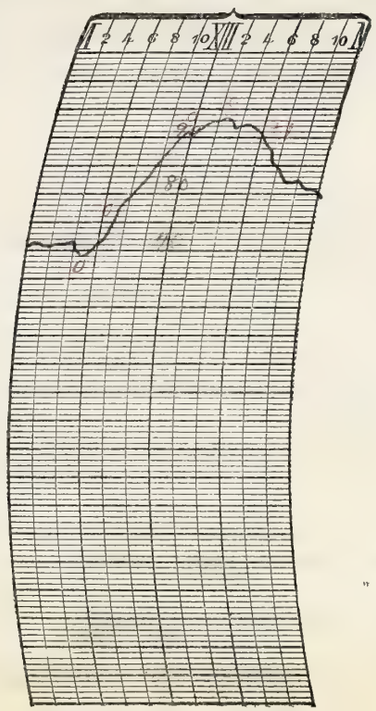
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

Normal noon (75th Meridian Time) observation called for by Central Office.

Thunderstorm: First thunder heard 4:28 pm; last thunder heard 10:20 pm. The storm moved from the west-northwest and was very light in intensity and very light precipitation.

Prepared by

Verified by

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Saturday, (Date) JUL 24 1920, 192

Time (local standard). 90° mer. normal time.

	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	79	76	75	74	73	73	74	78	82	83	83	
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions	Clear							×	Pt. Cloudy			
Sunshine (in tenths of hours)					0	0	0.8	0.7	1.0	1.0	1.0	1.0
Wind direction	W	W	W	W	W	W	W	W	W	W	NW	N
Wind movement	10	8	0	9	8	9	7	9	8	9	13	14

	P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	83	81	77	75	74	73	70	70	68	68	66	
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions						×		Clear				
Sunshine (in tenths of hours)	1.0	1.0	0.3	1.0	1.0	0.5 / 0.3	0.5					
Wind direction	N	N	N	N	N	N	NE	NE	E	NE	NE	N
Wind movement	10	11	10	11	16	14	0	4	4	3	3	0

Sunrise: Time, 4:29 Character, Cloudy

Moonrise: 2:07 P

Sunset: Time, 7:05 Character, Cloudy

Moonset:

Maximum velocities (exceeding 22 miles) direction and time.

Excessive precipitation, accumulated amounts.

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
85	62	74	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow, sleet, and hail on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., .01 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Pt. Cloudy Moon phase,

Average daily cloudiness (0–10), 6

Actual sunshine, hours, 11.1 Possible sunshine, hours, 14.6

Per cent of possible sunshine, 76

Prevailing wind direction, W Total wind 223

Average hourly velocity, 9.3 Extreme velocity, 24

Maximum velocity, 40 Direction, W

Time began, 3:30 p.

Reduced barometer, 29.77 a. m. 29.70, p. m.

River gage, 4.0 feet

Relative humidity, 69 a. m. 61 p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

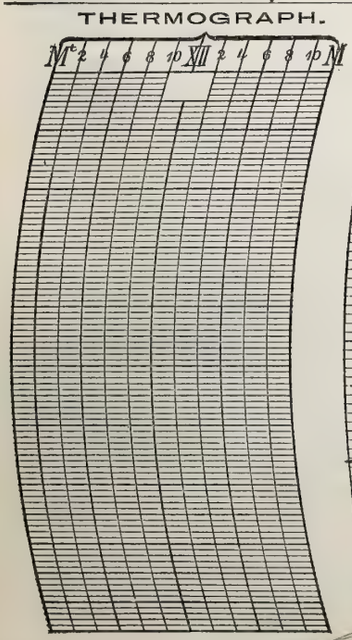
Dry temperature, 80.0 Wet temperature, 69.5

Dew-point, 64 R. humidity, 52 V. pressure, .595

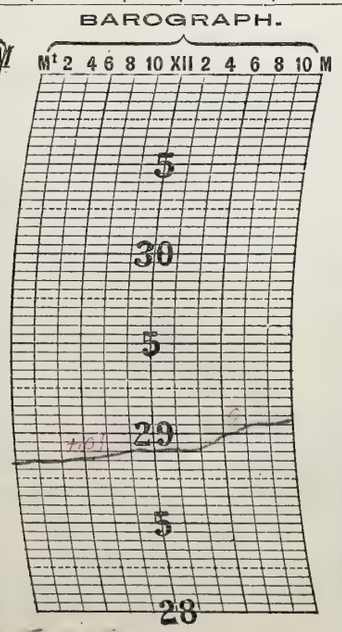
Clouds: Amount, 6; Kind, AST; Direction, W

Velocity of clouds (miles per hour)

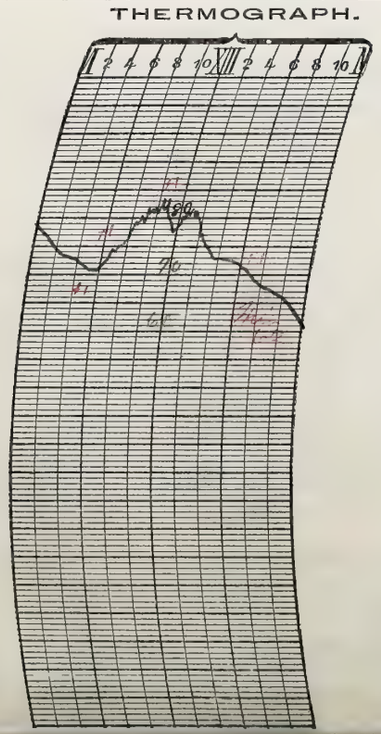
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

A fairly cloudy and very pleasant day.

Prepared by

Verified by

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Sunday, (Date) JUL 25 1920, 192

Time (local standard). 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	59	60	59	58	58	58	60	62	65	65	67	69	71	72	72	72	71	70	69	65	63	62	60	62
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions					Clear					×					Pt. Cloudy									
Sunshine (in tenths of hours)					0	0.6	1.0	1.0	1.0	1.0	1.0		1.0	1.0	1.0	1.0	1.0	0.2	0	0				
Wind direction	N	N	NE	NE	NE	NE	NE	NE	E	NE	NE	N	N	N	NE	NE	NE	NE	NE	NE	NE	NE	NE	N
Wind movement	9	8	11	8	6	8	12	11	8	9	7	7	7	7	7	7	8	6	5	3	4	4	2	
Maximum velocities (exceeding 22 miles) direction and time																								

Sunrise: Time, 4:30 Character, Clear
Moonrise: 9:00P.
Sunset: Time, 7:04 Character, Cloudy
Moonset: 12:12a

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

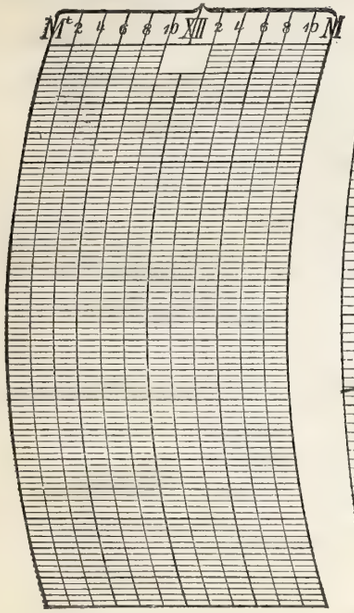
Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
73	57	65	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Pt. Cloudy Moon phase,
Average daily cloudiness (0-10), 4
Actual sunshine, hours, 12.2 Possible sunshine, hours, 14.6
Per cent of possible sunshine, 87
Prevailing wind direction, NE Total wind 169
Average hourly velocity, Extreme velocity, 15
Maximum velocity, 14 Direction,
Time began, 7:44a.
Reduced barometer, 30.10 7 a. m. 3 3 7 p. m.
River gage, 3.4 rect
Relative humidity, 74 7 a. m. 51 7 p. m.

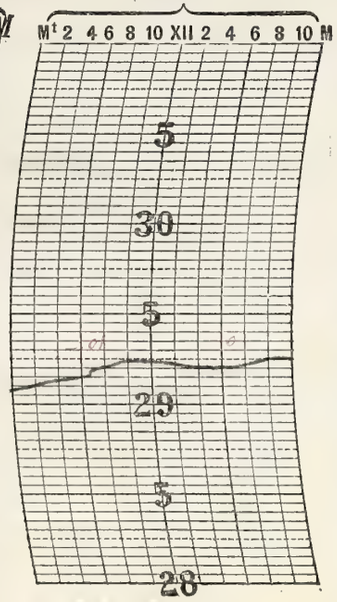
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 68.4 Wet temperature, 59.3
Dew-point, 53 R. humidity, 52 V. pressure, .402
Clouds: Amount, 4; Kind, Cu.; Direction, NE
Velocity of clouds (miles per hour)

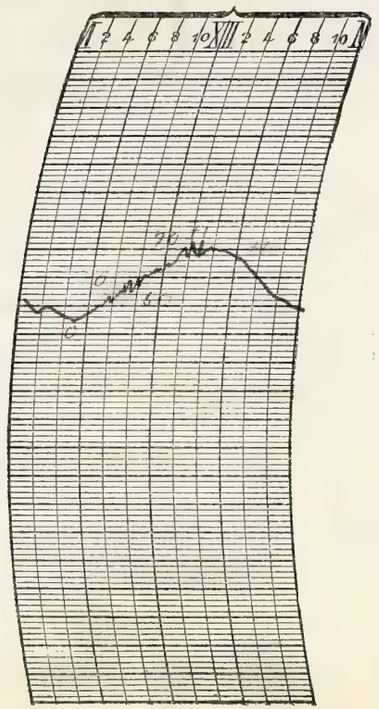
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

A partly Cloudy, cool and very pleasant day

Prepared by

Verified by

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Monday, (Date) JUL 26 1920, 192

Time (local standard). 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	59	57	55	55	55	55	59	65	68	70	73	72
State of weather. Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions	Pt. Cloudy								Clear			
Sunrise: Time, Character,	4.32 Cloudy											
Moonrise:	3:51P											
Sunshine (in tenths of hours)					0	0	0.2	0.5	1.0	1.0	1.0	1.0
Wind direction	NE	NE	NE	NE	NE	NE	NE	NE	W	NW	NW	NW
Wind movement	2	1	3	1	2	1	1	5	4	6	4	4

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	73	75	75	76	75	74	73	71	67	63	61	59
State of weather. Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions					Clear							
Sunset: Time, Character,									7:03 Clear			
Moonset:									12:55a			
Sunshine (in tenths of hours)	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.5				
Wind direction	NW	NW	NW	NW	N	N	NE	NE	N	N	E	E
Wind movement	6	6	6	7	6	6	3	1	1	4	5	5

Maximum velocities (exceeding 22 miles) direction and time.

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

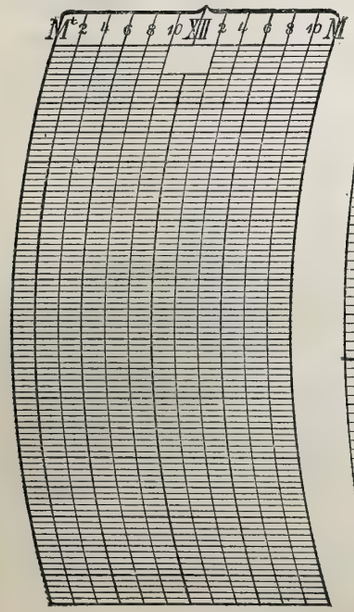
Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
76	55	66	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Clear Moon phase,
Average daily cloudiness (0-10), 2
Actual sunshine, hours, 11.4 Possible sunshine, hours, 14.5
Per cent of possible sunshine, 79
Prevailing wind direction, NE Total wind 87
Average hourly velocity, 3.6 Extreme velocity, 11
Maximum velocity, 11 Direction, NW
Time began, 11:01a.m.
Reduced barometer, 30.22 7 a. m. 30.13 7 p. m.
River gage, 2.9 Feet
Relative humidity, 75 7 a. m. 33 7 p. m.

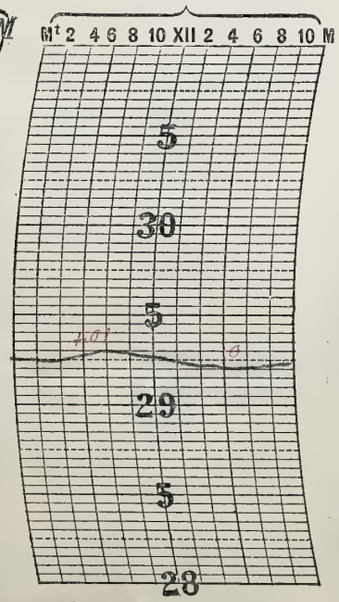
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 72.2 Wet temperature, 57.6
Dew-point, 46 R. humidity, 40 V. pressure, .310
Clouds: Amount, 5; Kind, Cu.; Direction, NW
Velocity of clouds (miles per hour)

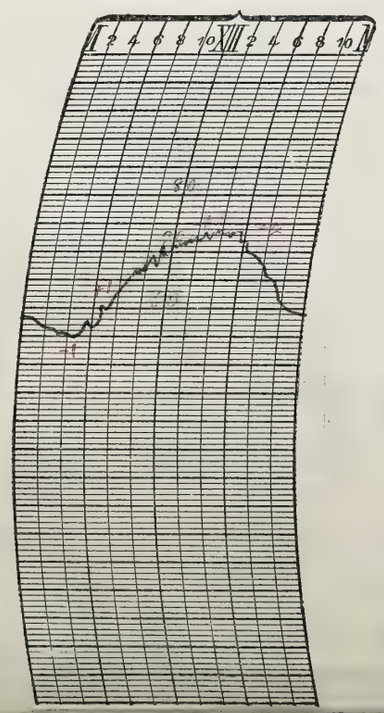
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

Practically all of the wheat has been cut and shocked during the past week and in a few places threshing has commenced. Corn and oats are excellent and in numerous places corn has tasselled and will probably start silking during the coming week. Truck gardens are in excellent condition and crops generally are in the best of shape.

A fine, cool and very invigorating day with an abundance of sunshine and light winds.

Prepared by C. C. [illegible]
Verified by T. M. Roomyan

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Tuesday, (Date) JUL 27 1920, 192

Time (local standard). 90th mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	59	58	57	55	55	57	61	68	69	72	72	[illegible]
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions					Clear						Pt. Cloudy	
Sunshine (in tenths of hours)					.47 0	1.0 0	0.1 0.9	1.0	1.0	1.0	0.7	[illegible]
Wind direction	E	E	E	E	E	E	E	SE	S	SE	SE	NE
Wind movement	2	3	2	2	4	2	3	5	4	5	5	3
Maximum velocities (exceeding 29 miles) direction and time												

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	75	74	75	75	75	75	74	72	70	68	66	65
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions							Clear					
Sunshine (in tenths of hours)	0.8	0.8	0.5	0.4	0.7	0.6 0.4	1.0 0	.05				
Wind direction	NE	E	E	E	E	E	E	SE	SE	SE	S	S
Wind movement	5	3	3	4	4	2	3	3	5	6	4	
Maximum velocities (exceeding 29 miles) direction and time												

Sunrise: Time, 4:32 Character, Clear
Moonrise: 4:32 p.
Sunset: Time, 7:03 Character, Clear
Moonset: 1:40 a.

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

Excessive precipitation, accumulated amounts

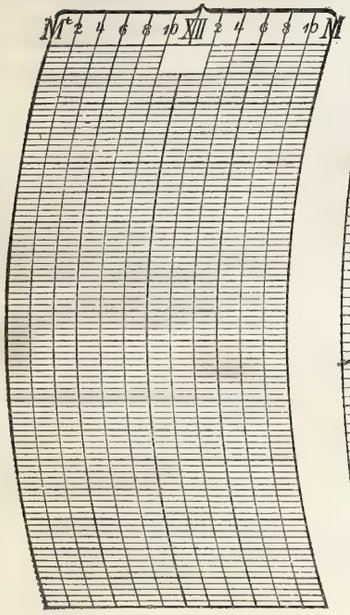
Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
76	54	65	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Clear Moon phase,
Average daily cloudiness (0-10), 2
Actual sunshine, hours, 11.6 Possible sunshine, hours, 14.5
Per cent of possible sunshine, 80
Prevailing wind direction, E Total wind 84
Average hourly velocity, 2.5 Extreme velocity, 7
Maximum velocity, 7 Direction, E
Time began, 8:56 p.m.
Reduced barometer, 30.25 7 a. m. 30.13 7 p. m.
River gage, 2.51 rise
Relative humidity, 62 7 a. m. 41 7 p. m.

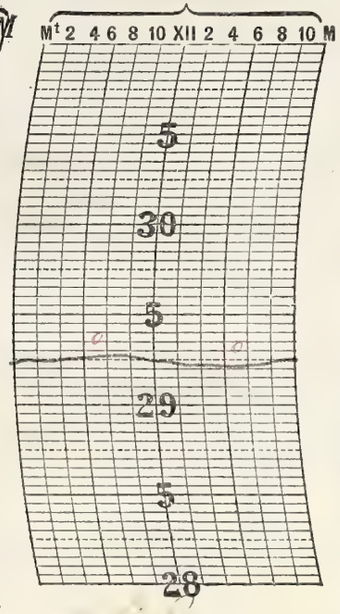
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 72.6 Wet temperature, 58.1
Dew-point, 47 R. humidity, 41 V. pressure, .322
Clouds: Amount, 5; Kind, Cu; Direction, NW
Velocity of clouds (miles per hour)

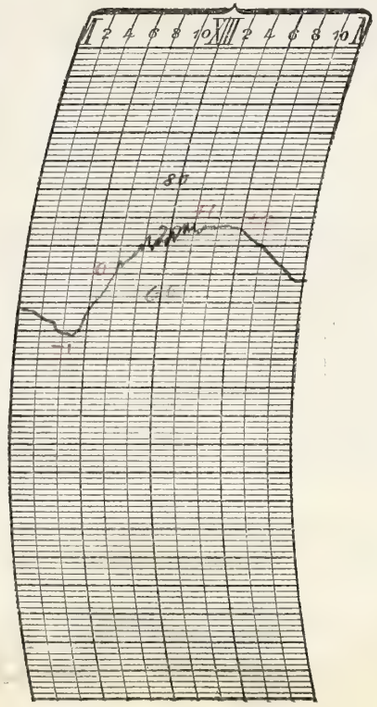
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

A clear day with ideal temperature and light winds.

Prepared by

Verified by

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Wednesday, (Date) JUL 28 1920, 192

Time (local standard). 90 mer. normal time.

	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	64	61	60	59	59	61	64	69	74	75	77	79
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions					Clear				Pt Cloudy			
Sunrise: Time, 4:33 Character, Clear												
Moonrise: 5:19P												
Sunshine (in tenths of hours)					.45 0	0	0.9	1.0	1.0	1.0	1.0	1.0
Wind direction	S	S	S	S	S	S	SW	SW	SW	SW	SW	SW
Wind movement	2	3	4	4	5	4	7	9	10	10	11	8
Maximum velocities (exceeding 23 miles) direction and time												

	P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	81	82	82	82	81	81	79	75	73	72	69	66
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions					Clear							
Sunset: Time, 7:02 Character, Clear												
Moonset: 2:33a												
Sunshine (in tenths of hours)	1.0	1.0	1.0	1.0	1.0	0.6 0.4	0	0				
Wind direction	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	S	S
Wind movement	8	8	8	8	7	7	5	6	6	7	7	8
Maximum velocities (exceeding 23 miles) direction and time												

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
83	58	75	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Clear Moon phase,
Average daily cloudiness (0-10), 1
Actual sunshine, hours, 14.5 Possible sunshine, hours, 14.5
Per cent of possible sunshine, 100
Prevailing wind direction, SW Total wind 161
Average hourly velocity, 6.7 Extreme velocity, 12
Maximum velocity, 12 Direction, W
Time began, 9:45 am.
Reduced barometer, 30.21 7 a. m. 30.12, p. m.
River gage, 2.4 Feet
Relative humidity, 60 a. m. 40 p. m.

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

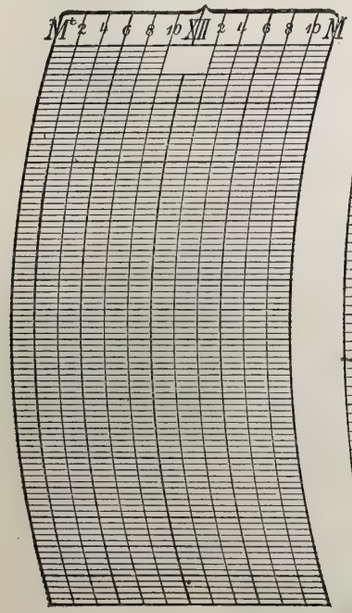
Accumulated depths during excessive rate, for consecutive periods of time indicated below.

Excessive precipitation, accumulated amounts

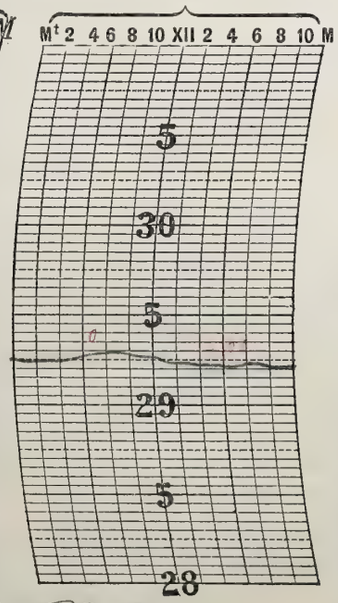
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 79.5 Wet temperature, 60.0
Dew-point, 46 R. humidity, 30 V. pressure, .310
Clouds: Amount, Few; Kind, Cu.; Direction, W
Velocity of clouds (miles per hour)

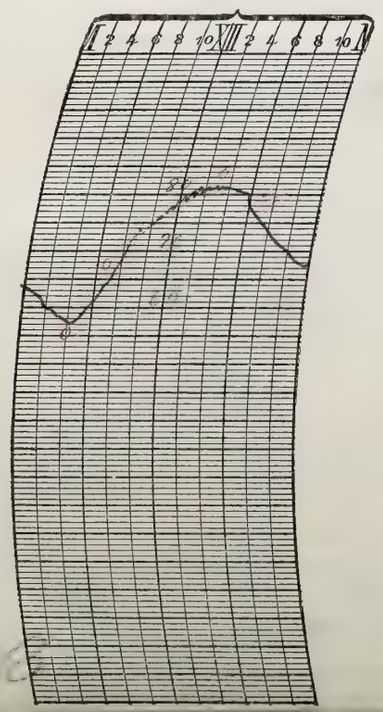
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

A clear day with temperatures somewhat higher than have been experienced in this section for the past few days.

Prepared by CMS

Verified by

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Thursday, (Date) JUL 29 1920, 192

Time (local standard). 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	67	66	65	64	63	64	67	72	77	81	84	85
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions	Clear											
Sunshine (in tenths of hours)					0	0	0.8	1.0	1.0	1.0	1.0	1.0
Wind direction	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW
Wind movement	9	8	8	8	9	9	16	13	13	15	18	18
Maximum velocities (exceeding 70 miles) direction and time												

Sunrise: Time, 4:34; Character, Clear. Moonrise: 5:15 p.m.

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	87	88	88	87	87	86	83	80	77	76	75	72
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions	Clear						Pt. Cloudy					
Sunshine (in tenths of hours)	1.0	1.0	1.0	1.0	1.0	0.2	0	0				
Wind direction	SW	SW	SW	SW	SW	SW	SW	SW	W	N	NW	SW
Wind movement	20	22	20	18	17	14	13	8	3	1	1	4
Maximum velocities (exceeding 70 miles) direction and time												

Sunset: Time, 7:01; Character, Cloudy. Moonset: 3:24 a.m.

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

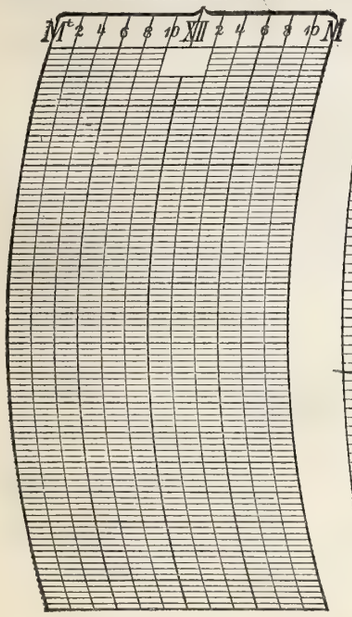
Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
88	63	76	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Clear Moon phase,
Average daily cloudiness (0-10), 2
Actual sunshine, hours, 12.6 Possible sunshine, hours, 14.4
Per cent of possible sunshine, 88
Prevailing wind direction, SW Total wind 278
Average hourly velocity, 11.6 Extreme velocity, 27
Maximum velocity, 27 Direction, SW
Time began, 1:45 p.m.
Reduced barometer, 30.13 7 a. m. 29.98 7 p. m.
River gage, 2.3 ft.
Relative humidity, 58 7 a. m. 39 7 p. m.

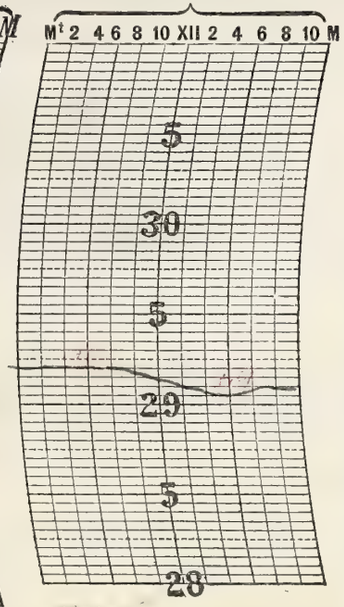
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 85.0 Wet temperature, 64.0
Dew-point, 50 R. humidity, 30 V. pressure, .360
Clouds: Amount, Few; Kind, A St.; Direction, W.
Velocity of clouds (miles per hour)

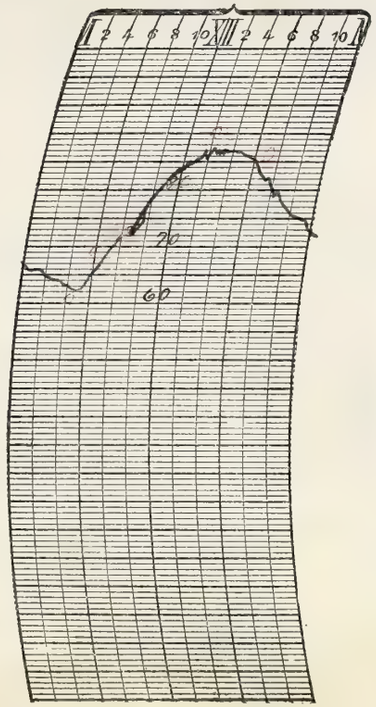
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

A clear and rather warm day.

Prepared by [illegible]

Verified by [illegible]

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Friday, (Date) JUL 30 1920, 192

Time (local standard). 90th mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	70	68	66	66	65	67	69	76	81	84	87	87
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions	7				Clear						* Pt. Cloudy	
Sunrise: Time, Character,	4:35 Clear											
Moonrise:	6:33a											
Sunshine (in tenths of hours)					.42 0	1.0 0	0.9	1.0	1.0	1.0	1.0	1.0
Wind direction	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	W	W
Wind movement	6	7	8	8	8	9	7	7	8	10	11	13
Maximum velocities (exceeding 29 miles) direction and time												

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	86	87	80	68	63	65	67	67	67	67	67	66
State of weather: Nature of precipitation and time of beginning and ending				RB 3:14	—	RE 6:00			RB 8:55	RE 9:18		RB 11:09 RE 11:44
Amounts of precipitation				.59	.72	.44			T	T		T
Cloudiness and other conditions							Cloudy					7
Sunset: Time, Character,									7:00 Cloudy			
Moonset:									4:23a			
Sunshine (in tenths of hours)	0.5	0.8	0.9	0	0	0	0					
Wind direction	W	W	NE	NE	NE	SE	SE	E	E	SE	S	SW
Wind movement	11	7	10	11	11	8	4	2	3	4	4	9
Maximum velocities (exceeding 29 miles) direction and time												

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
88	62	75	

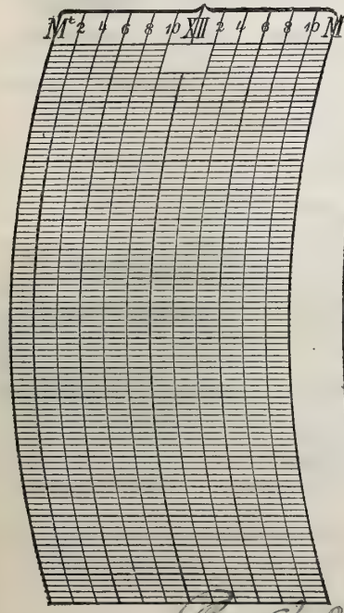
Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., .25 ins.
Total precipitation, midnight to midnight, 1.75 inches.
Character of day, Pt. Cloudy. Moon phase, Full-5:12 p.
Average daily cloudiness (0-10), 6
Actual sunshine, hours, 9.6 Possible sunshine, hours, 14.4
Per cent of possible sunshine, 67
Prevailing wind direction, SW. Total wind 188
Average hourly velocity, 7.8 Extreme velocity, 34
Maximum velocity, 28 Direction, W.
Time began, 4:00 p.m.
Reduced barometer, 30.03 7 a. m. 29.95 7 p. m.
River gage, 2.2 Feet.
Relative humidity, 72 7 a. m. 82 7 p. m.

	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts	3:14p	6:00p	1.75	3:21p	4:33p	.01	.23	.34	.36	.52	.55	.55	.55	.60	.69	.94	1.05	1.23		

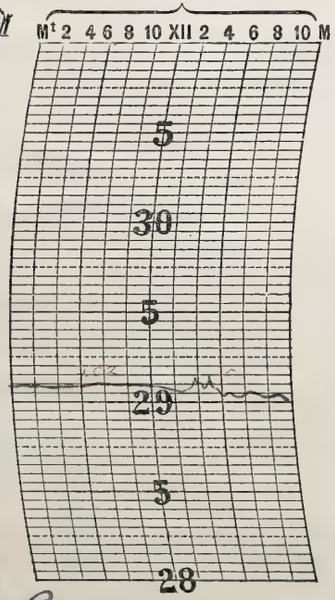
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 87.7 Wet temperature, 67.7
Dew-point, 57 R. humidity, 35 V. pressure, .465
Clouds: Amount, 5; Kind, ACu; Direction, NW.
Velocity of clouds (miles per hour)

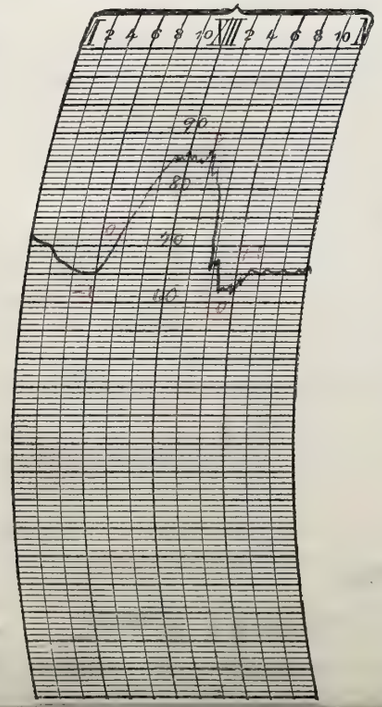
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

The day as a whole was partly cloudy and two thunderstorms occured. The first commenced at 3:02 pm and last thunder in this storm was heard at 5:52 pm. The first thunder in the second storm was heard at 10:50 pm and last was heard during night pm. Both storms moved from the west-northwest. Some damage due to lightning was caused to the intermban lines north and south of the city and about 3500 phone lines were put out of commission.

Prepared by C. C. S.
Verified by P. McDonough

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Saturday, (Date) JUL 31 1920, 192

Time (local standard). 90° mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	68	66	66	66	65	67	69	73	78	81	83	84
State of weather: Nature of precipitation and time of beginning and ending				AB DNA RE DNA								
Amounts of precipitation				1.01								
Cloudiness and other conditions	?					Pt Cloudy						
Sunrise: Time, Character,	4:36 Clear											
Moonrise:	7:05p											
Sunshine (in tenths of hours)					.40 0	1.0 0	0.1 0.6	1.0	1.0	1.0	1.0	1.0
Wind direction	SW	N	NE	S	N	SW	SW	SW	SW	SW	SW	W
Wind movement	9	5	3	6	4	7	6	9	10	9	11	16
Maximum velocities (exceeding 29 miles) direction and time												

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	88	82	80	80	78	75	72	68	65	62	60	60
Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions						Clear						
Sunset: Time, Character,									6:59 Clear			
Moonset:									5:21a			
Sunshine (in tenths of hours)	1.0	0.9	0.1	0.6	1.0	0.7 0.3	.98 0					
Wind direction	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	N	N
Wind movement	15	13	11	12	13	13	12	8	9	9	8	5
Maximum velocities (exceeding 29 miles) direction and time												

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
85	60	72	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., .01 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, .01 inches.
Character of day, Pt Cloudy Moon phase,
Average daily cloudiness (0-10), 4
Actual sunshine, hours, 12.7 Possible sunshine, hours, 14.4
Per cent of possible sunshine, 88
Prevailing wind direction, NW Total wind 223
Average hourly velocity, 9.3 Extreme velocity, 20
Maximum velocity, 19 Direction, NW
Time began, 4:56 pm
Reduced barometer, 29.90 7 a. m. 29.89 7 p. m.
River gage, 2.5 Feet
Relative humidity, 81 7 a. m. 46 7 p. m.

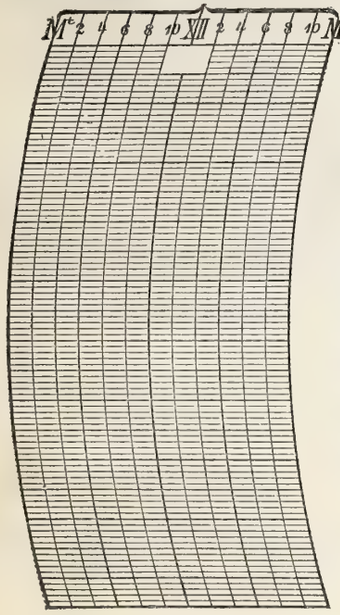
Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

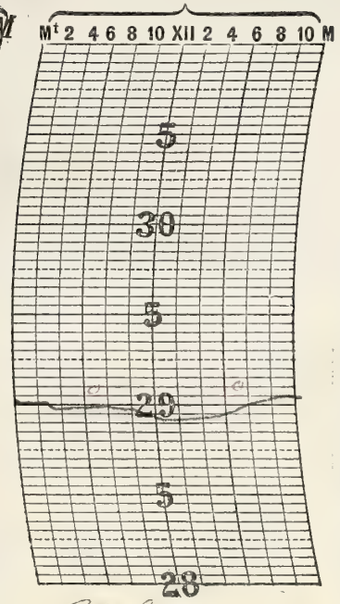
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 84.3 Wet temperature, 69.9
Dew-point, 63 R. humidity, 49 V. pressure, .575
Clouds: Amount, 3; Kind, Cu; Direction, NW
Velocity of clouds (miles per hour)

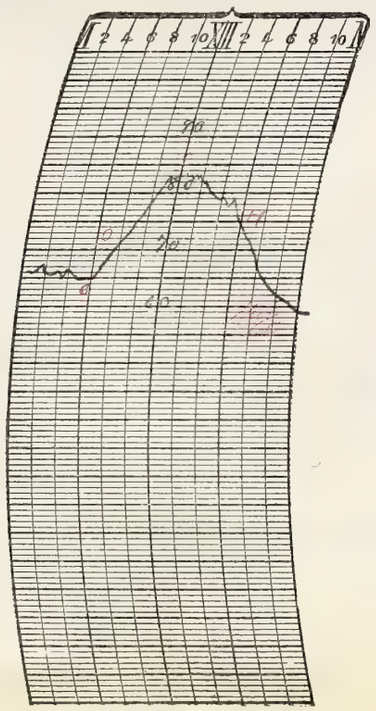
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

Prepared by C. W. S.

Verified by

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Sun., (Date) Aug. 1 1920, 192

Time (local standard). 90° mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	59	58	56	55	54	56	58	61	63	65	66	66
Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions	Clear											
Sunshine (in tenths of hours)					.38 0	0.5 0.5	1.0	1.0	1.0	1.0	1.0	1.0
Wind direction	N	N	N	N	NE	N	NE	NE	N	N	N	N
Wind movement	6	5	8	9	6	7	9	12	12	10	10	10

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	68	68	67	68	67	67	65	62	60	58	56	55
Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions	Pt Cloudy		Cloudy					Clear				
Sunshine (in tenths of hours)	0.9	0.9	0.8	0.7	1.0	1.0	.95 0					
Wind direction	N	N	N	N	N	N	N	N	N	N	N	N
Wind movement	9	11	10	9	11	8	5	4	2	4	4	4

State of weather.

Sunrise: Time, 4:37 Character, Clear

Moonrise: 7:35p

Sunset: Time, 6:54 Character, Clear

Moonset: 6:20a

Maximum velocities (exceeding 29 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
69	54	62	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow, sleet, and hail on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Pt Cloudy Moon phase, ~~Fu~~

Average daily cloudiness (0-10), 4

Actual sunshine, hours, 13.6 Possible sunshine, hours, 14.3

Per cent of possible sunshine, 95

Prevailing wind direction, N Total wind 18.5

Average hourly velocity, 7.7 Extreme velocity, 15

Maximum velocity, 14 Direction, NE

Time began, 7:51 am.

Reduced barometer, 30.04 7 a. m. 30.04 7 p. m.

River gage, 2.2 Feet.

Relative humidity, 57 7 a. m. 45 7 p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

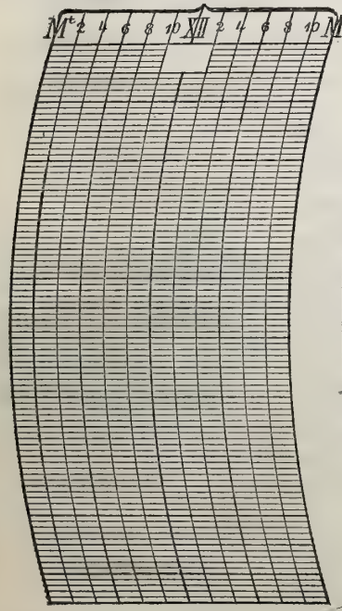
Dry temperature, 66.7 Wet temperature, 53.2

Dew-point, 41 R. humidity, 40 V. pressure, .256

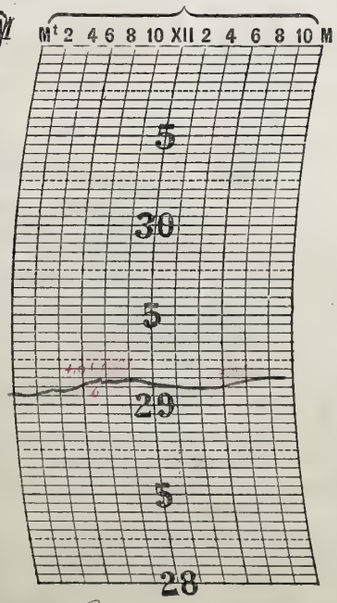
Clouds: Amount, 7; Kind, Cu.; Direction, NW.

Velocity of clouds (miles per hour)

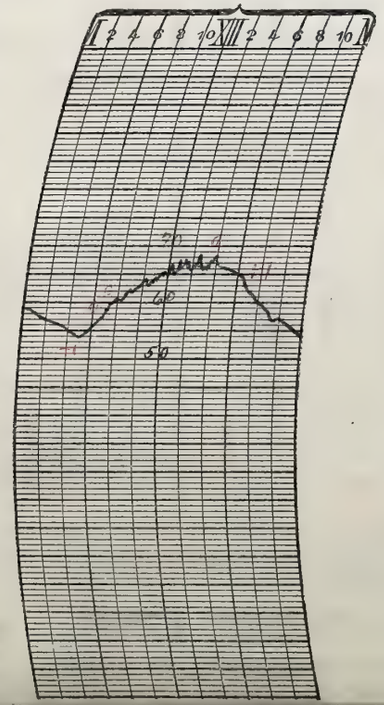
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

A fairly cloudy and unseasonably cool day.

Prepared by C.C.S.

Verified by T. McDonough

8—486

FORM NO. 1014—MOT.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Monday, (Date) AUG - 2 192, 192

Time (local standard). 90th mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	53	52	50	49	49	53	55	60	62	63	64	67
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions	Clear											
Sunrise: Time, 4:38 Character, Clear												
Moonrise: 8:04p												
Sunshine (in tenths of hours)					.37 0	0.4	1.0	1.0	1.0	1.0	1.0	1.0
Wind direction	N	N	N	N	N	N	NE	N	N	N	N	N
Wind movement	3	4	4	4	4	5	7	5	7	8	7	8

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	67	68	70	70	70	69	67	65	63	61	58	56
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions	Clear											
Sunset: Time, 6:56 Character, Clear												
Moonset: 7:22a												
Sunshine (in tenths of hours)	1.0	1.0	1.0	1.0	1.0	1.0	.93					
Wind direction	NE	NE	N	N	N	N	N	N	N	NE	NE	NE
Wind movement	7	5	6	6	7	4	3	3	3	3	4	4

Maximum velocities (exceeding 29 miles) direction and time.

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

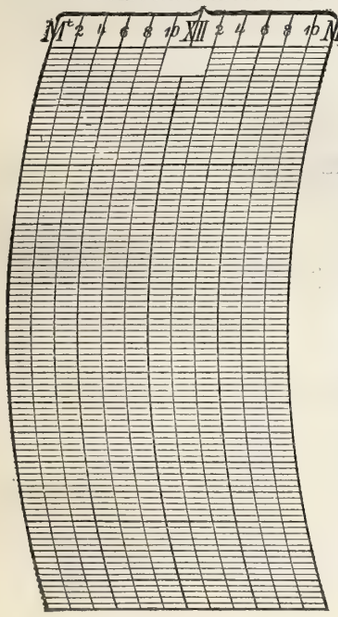
Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
71	49	60	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Clear Moon phase,
Average daily cloudiness (0-10), Fair.
Actual sunshine, hours, 14.3 Possible sunshine, hours, 14.3
Per cent of possible sunshine, 100
Prevailing wind direction, N Total wind 121
Average hourly velocity, 5.1 Extreme velocity, 16
Maximum velocity, 16 Direction, N
Time began, 8:57a.m.
Reduced barometer, 30.15 7 a. m. 30.12 7, p. m.
River gage, 2.1 Fall
Relative humidity, 67 7 a. m. 40 7 p. m.

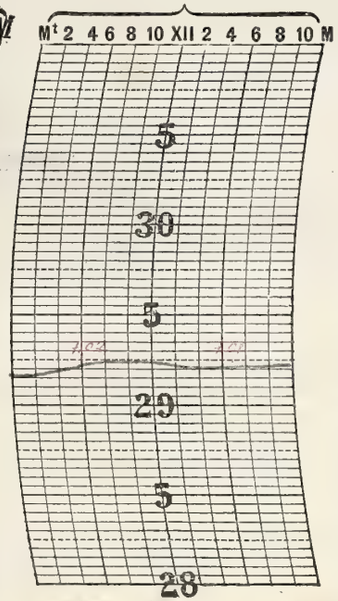
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 65.7 Wet temperature, 57.3
Dew-point, 37 R. humidity, 35 V. pressure, .219
Clouds: Amount, Few; Kind, Cu; Direction, NW
Velocity of clouds (miles per hour)

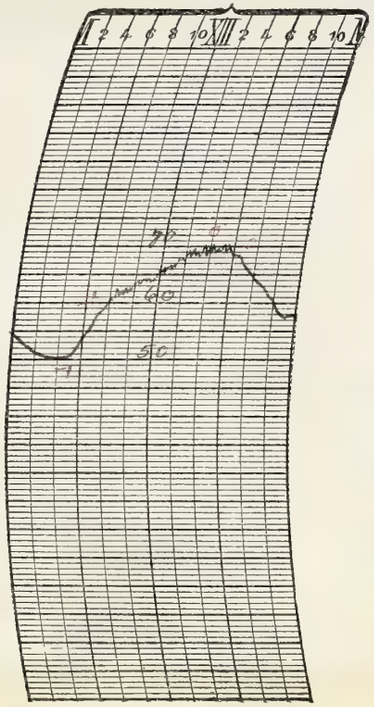
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

A clear and very cool day though very exhilarating

Prepared by

Verified by

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Tuesday, (Date) AUG - - 1920, 192

Time (local standard). 90 mer. normal time.

	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	56	54	54	52	53	54	57	65	66	68	70	71
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions						Clear						
Sunshine (in tenths of hours)					.35 0	0.9 0.1	1.0	1.0	1.0	1.0	1.0	1.0
Wind direction	NE	NE	NE	NE	NE	NE	NE	NE	NE	E	E	E
Wind movement	2	1	1	1	2	1	2	3	4	5	6	6
Maximum velocities (exceeding 29 miles) direction and time												

	P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	72	73	73	74	73	72	71	67	65	64	62	60
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions					Clear							
Sunshine (in tenths of hours)	1.0	1.0	0.9	1.0	1.0	0.6 0.4	.92 0					
Wind direction	NE	NE	E	E	E	SE	E	E	E	E	E	E
Wind movement	6	5	5	5	4	4	3	4	4	5	5	7
Maximum velocities (exceeding 29 miles) direction and time												

Sunrise: Time, 4:32 Character, Clear
Moonrise: 8:34 p
Sunset: Time, 6:55 Character, Clear
Moonset: 8:28 a

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

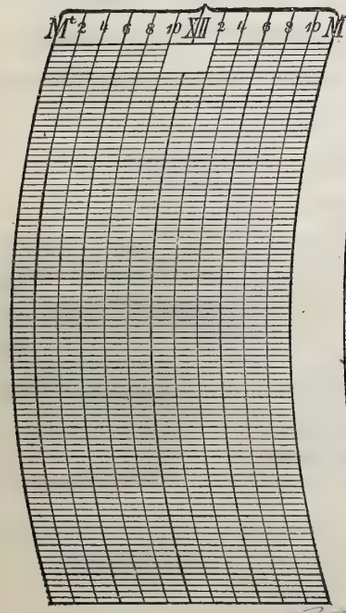
Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
74	52	63	✓

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Clear Moon phase,
Average daily cloudiness (0–10), 1
Actual sunshine, hours, 14.2 Possible sunshine, hours, 14.3
Per cent of possible sunshine, 99
Prevailing wind direction, E Total wind 01
Average hourly velocity, 3.8 Extreme velocity, 8
Maximum velocity, 8 Direction, NE
Time began, 12:57 p.m.
Reduced barometer, 30.20 7 a. m. 30.14 7, p. m.
River gage, 2.1 Feet
Relative humidity, 74 7 a. m. 44 7 p. m.

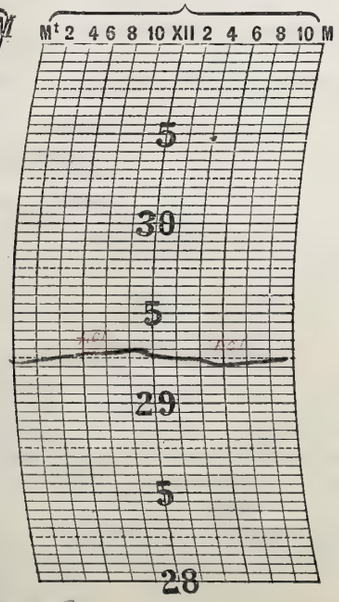
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 70.2 Wet temperature, 55.7
Dew-point, 44 R. humidity, 39 V. pressure, .287
Clouds: Amount, 2; Kind, Cist; Direction, SW
Velocity of clouds (miles per hour)

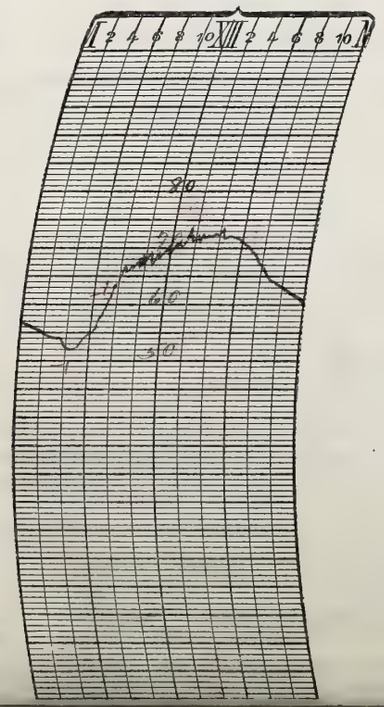
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

Heavy dew was observed at the am. observation.
A clear, cool and invigorating day.

Prepared by
Verified by

Form No. 1011 Rev. 8

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Wednesday, (Date) AUG - 4 1926, 192

Time (local standard). 75th mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	58	57	56	55	54	56	60	67	72	74	74	76
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions	Clear											
Sunrise: Time, 4:40 Character, Clear												
Moonrise: 9:06 p												
Sunshine (in tenths of hours)					.33 0	1.0 0	0.2 0.8	1.0	1.0	1.0	1.0	1.0
Wind direction	E	E	E	NE	NE	NE	NE	NE	NE	E	NE	E
Wind movement	3	3	3	3	3	5	4	3	4	6	6	5
Maximum velocities (exceeding 20 miles) direction and time												

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	79	79	80	79	79	79	77	73	70	67	66	65
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions	Pt. Cloudy											
Sunset: Time, 6:54 Character, Cloudy												
Moonset: 9:34 p												
Sunshine (in tenths of hours)	1.0	1.0	1.0	0.8	0.9	0.[illegible]	0					
Wind direction	E	NE	NE	NE	NE	NE	NE	0	NE	NE	NE	NE
Wind movement	5	6	5	6	3	4	1	0	4	1	1	1
Maximum velocities (exceeding 20 miles) direction and time												

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
80	54	67	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Clear Moon phase,
Average daily cloudiness (0-10), 3
Actual sunshine, hours, 12.1 Possible sunshine, hours, 14.2
Per cent of possible sunshine, 85
Prevailing wind direction, NE Total wind 84
Average hourly velocity, 3.5 Extreme velocity, 8
Maximum velocity, 8 Direction, NE
Time began, 10:27 a.m.
Reduced barometer, 29.21 7 a. m. 3 [illegible] 7 p. m.
River gage, 2.1 Feet
Relative humidity, 80 7 a. m. 45 7 p. m.

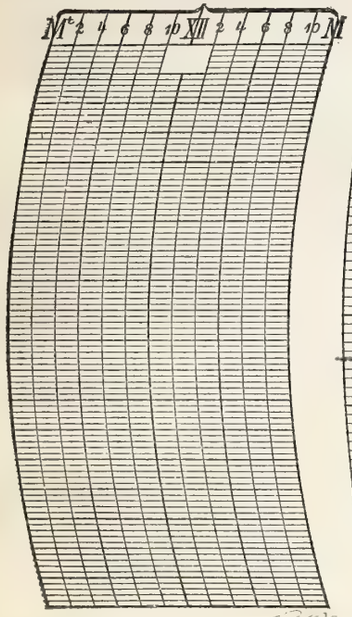
Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

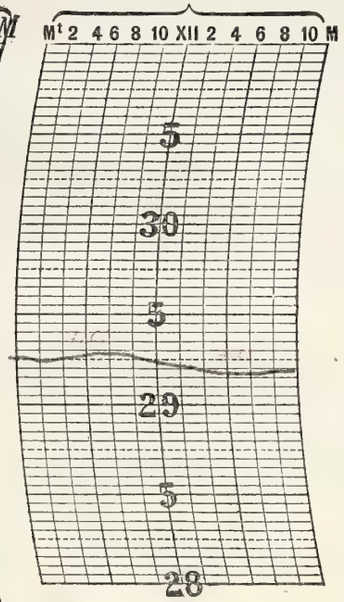
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 77.8 Wet temperature, 59.8
Dew-point, 42 R. humidity, 34 V. pressure, [illegible]
Clouds: Amount, 3; Kind, Cu.St.; Direction, NW
Velocity of clouds (miles per hour)

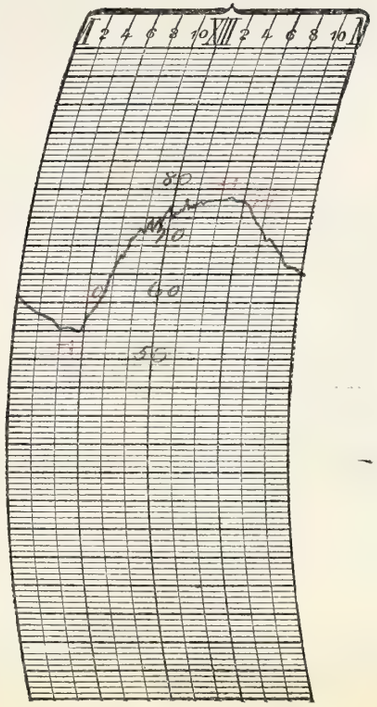
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

Heavy deposit of dew observed on roofs and ground this morning. A clear day with light winds and moderate temperatures.

Prepared by [illegible]

Verified by [illegible]

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Thursday, (Date) AUG 5 1920, 192

Time (local standard). 90 mer. normal time.

	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	63	61	60	60	62	63	65	69	75	79	81	82
						RB 5:58	RE 6:20					
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation						T	T					
Cloudiness and other conditions	Cloudy											
Sunrise: Time, Character,	4:41 Cloudy											
Moonrise:	9:39p											
Sunshine (in tenths of hours)					0	0	0	0	0.3	1.0	1.0	1.0
Wind direction	NE	NE	NE	0	0	NE	0	NE	NE	NW	W	W
Wind movement	3	2	1	0	0	1	0	1	2	2	3	4
Maximum velocities (exceeding ___ miles) direction and time												

	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	83	84	83	82	82	80	74	77	77	74	72	70
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions	Cloudy											
Sunset: Time, Character,	6:53 Cloudy											
Moonset:	10:28a											
Sunshine (in tenths of hours)	1.0	1.0	1.0	0.5	0	0	0					
Wind direction	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	0	0
Wind movement	5	6	5	5	5	2	2	1	1	2	0	0
Maximum velocities (exceeding ___ miles) direction and time												

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
84	60	72	

Total depth of snow for 24 hours ending ? p. m., 0 inches.
Snow, sleet, and hail on ground ? p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to ? a. m., T ins.; to ? p. m., 0 ins.
Total precipitation, midnight to midnight, T inches.
Character of day, Cloudy Moon phase, ____
Average daily cloudiness (0-10), ?
Actual sunshine, hours, 6.7 Possible sunshine, hours, 14.2
Per cent of possible sunshine, 47
Prevailing wind direction, NW Total wind 53
Average hourly velocity, 2.2 Extreme velocity, 8
Maximum velocity, 8 Direction, NW
Time began, 1:02 pm
Reduced barometer, 30.13 ? a. m. 30.07 ? p. m.
River gage, 2.1 Feet
Relative humidity, 80 ? a. m. 48 ? p. m.

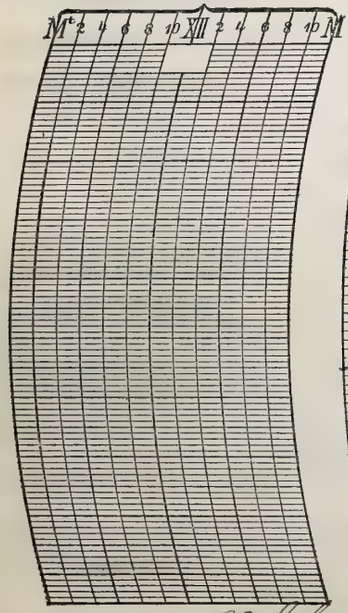
Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

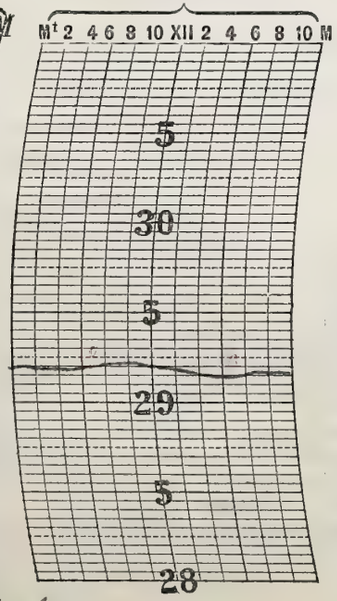
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 80.0 Wet temperature, 63.5
Dew-point, 53 R. humidity, 40 V. pressure, .402
Clouds: Amount, 9; Kind, St.Cu.; Direction, W.
Velocity of clouds (miles per hour)

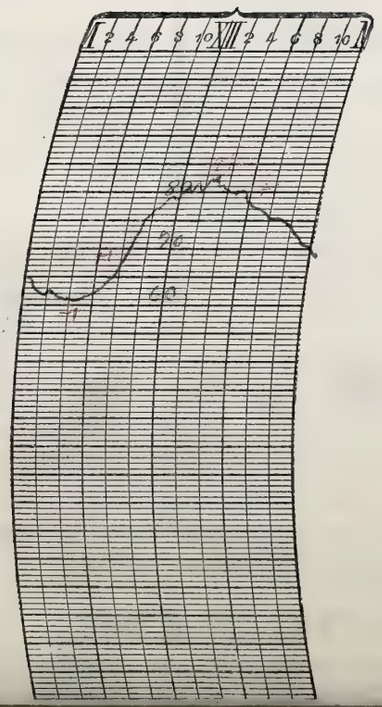
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

A cloudy day with moderate temperatures.

Prepared by C. A. Schick
Verified by

8—486

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Friday, (Date) AUG 13 1920, 192

Time (local standard). 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	69	67	66	64	65	67	71	78	83	84	87	88
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions	Pt Cloudy									Clear		
Sunrise: Time, Character, 4:42 Cloudy												
Moonrise: 10:17p												
Sunshine (in tenths of hours)					0	0	0	0.4	1.0	1.0	1.0	1.0
Wind direction	NW	NW	NW	0	NW	SE	0	SE	SW	W	W	SW
Wind movement	1	1	1	0	1	2	0	1	2	4	5	4

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	89	90	91	90	89	8[illegible]	85	79	76	76	75	73
State of weather: Nature of precipitation and time of beginning and ending								RB 7:34 RE 7:42				
Amounts of precipitation								T				
Cloudiness and other conditions				Pt Cldy				Cloudy				
Sunset: Time, Character, 6:52 Cloudy												
Moonset: 11:34a												
Sunshine (in tenths of hours)	1.0	1.0	1.0	1.0	0.9	0	0					
Wind direction	SW	SW	SW	SW	SW	S	E	E	SE	E	SE	SE
Wind movement	7	5	6	7	4	6	7	5	8	5	6	3

Maximum velocities (exceeding 29 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
91	64	78	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow, sleet, and hail on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, T inches.

Character of day, Clear Moon phase,

Average daily cloudiness (0-10), 3

Actual sunshine, hours, 9.3 Possible sunshine, hours, 14.2

Per cent of possible sunshine, 65

Prevailing wind direction, SW Total wind 91

Average hourly velocity, 3.8 Extreme velocity, 12

Maximum velocity, 12 SE Direction, SE

Time began, 8:02 pm

Reduced barometer, 30.09 a. m. 30.00, p. m.

River gage, 2.4 Fall

Relative humidity, 78 a. m. 57 p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

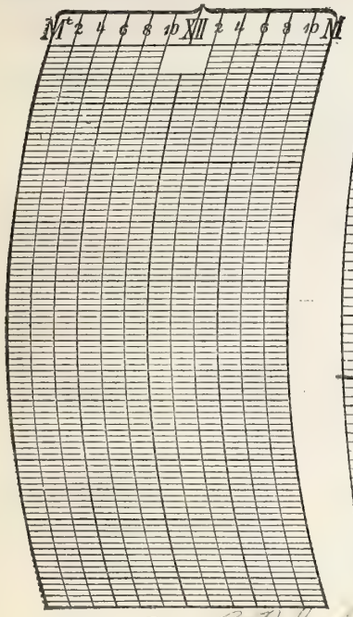
Dry temperature, 88.2 Wet temperature, 67.0

Dew-point, 55 R. humidity, 32 V. pressure, .432

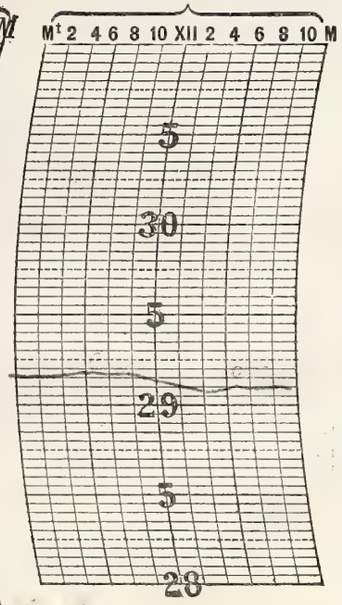
Clouds: Amount, Few; Kind, Cu; Direction, W

Velocity of clouds (miles per hour)

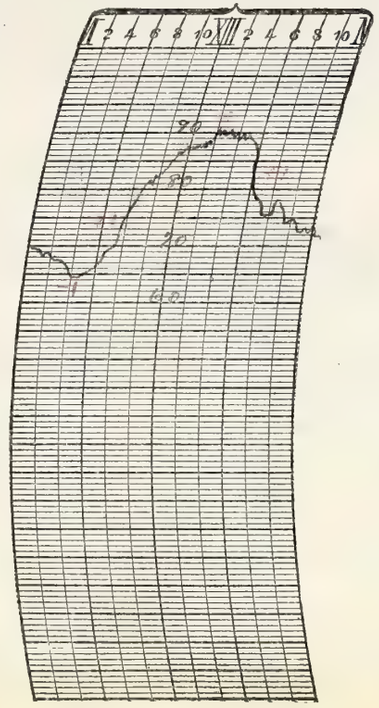
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

Thunderstorm:— First thunder heard 7:30 pm; last thunder was heard at 9:44 pm. The storm moved from the southwest was of light intensity and was accompanied by a very light sprinkle of rain.

Prepared by } E. Roth
Verified by }

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Saturday, (Date) AUG 7 1920, 192

Time (local standard). 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	71	72	69	66	66	66	66	66	67	71	74	75
State of weather. Nature of precipitation and time of beginning and ending		RB DNA						RE 7:12 RB 7:41		RE 9:50		
Amounts of precipitation		T	.01	.05	.06	.07	.03	.02	.03	.11		
Cloudiness and other conditions	Cloudy											
Sunrise: Time, 4:43 Character, Cloudy												
Moonrise: 11:43p												
Sunshine (in tenths of hours)					0	0	0	0	0	0	0.8	1.0
Wind direction	S	S	SW	W	W	SW	NE	SW	SW	SW	S	S
Wind movement	6	7	5	17	8	4	2	10	10	4	6	13
Maximum velocities (exceeding 22 miles) direction and time												

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	79	79	65	69	74	74	72	71	70	70	69	65
State of weather. Nature of precipitation and time of beginning and ending				RB 3:05	RE 4:10							
Amounts of precipitation				.66	T							
Cloudiness and other conditions	Cloudy											
Sunset: Time, 6:37 Character, Cloudy												
Moonset: 12:43p												
Sunshine (in tenths of hours)	0.9	1.0	0.5	0	0.2	0.1	0					
Wind direction	S	SW	SW	SW	W	W	S	S	SW	SW	S	S
Wind movement	12	10	8	13	5	3	3	8	6	2	4	
Maximum velocities (exceeding 22 miles) direction and time				30 SW 3:10								

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
81	64	72	

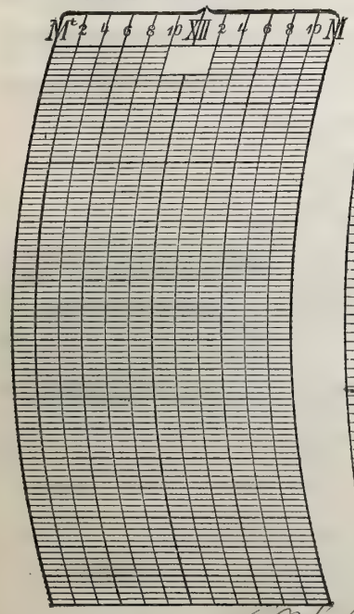
Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., .22 ins.; to 7 p. m., .82 ins.
Total precipitation, midnight to midnight, 1.04 inches.
Character of day, Cloudy Moon phase, 1st Q - 6:51 p
Average daily cloudiness (0-10), 9
Actual sunshine, hours, 4.5 Possible sunshine, hours, 14.1
Per cent of possible sunshine, 32
Prevailing wind direction, SW Total wind 172
Average hourly velocity, 7.4 Extreme velocity, 34
Maximum velocity, 30 Direction, SW
Time began, 3:10 pm
Reduced barometer, 30.07 7 a. m. 30.01 7 p. m.
River gage, 2.15 m.
Relative humidity, 89 7 a. m. 78 7 p. m.

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
	3:05p	4:10p	.66	3:11p	~~3:22p~~ 3:25	.01	.24	.57	.64											

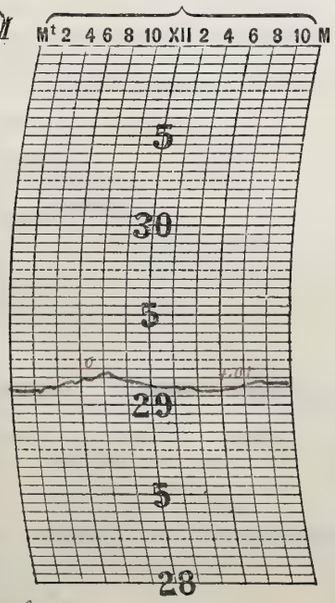
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 77.6 Wet temperature, 68.6
Dew-point, 65 R. humidity, 64 V. pressure, .616
Clouds: Amount, 9; Kind, Stratus; Direction, NW
Velocity of clouds (miles per hour)

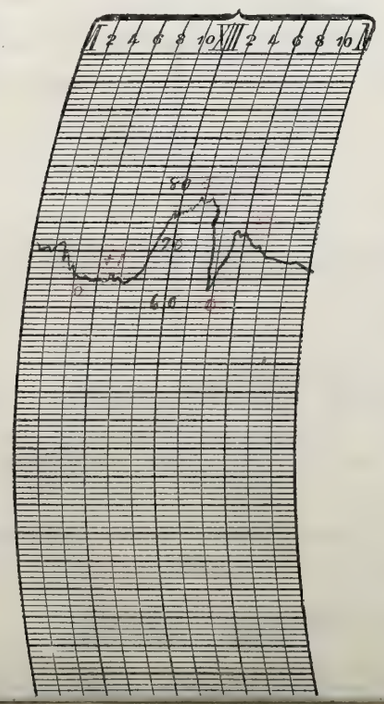
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

Thunderstorm:— First thunder heard at 3:00 p.; last thunder heard at 4:00 p.m. The storm moved from the southwest was of moderate intensity and accompanied by sharp lightning and heavy precipitation

Prepared by } T. A. Schick
Verified by

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Sunday, (Date) AUG - 8 1920, 192

Time (local standard). 90° mer. normal time.

	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	66	66	66	65	65	66	67	71	72	74	74	75
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions	← Cloudy											
Sunrise: Time, Character,	4:44 Cloudy											
Moonrise:	11:53p											
Sunshine (in tenths of hours)					0	0	0.1	0.1	0.4	1.6	1.0	1.0
Wind direction	S	S	S	S	S	S	S	SW	SW	S	S	S
Wind movement	6	5	6	6	6	8	8	11	12	10	10	11
Maximum velocities (exceeding 29 miles) direction and time												

	P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	78	79	80	77	78	76	75	73	72	71	70	68
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions	← Cloudy		×		Pt. Cloudy				× Clear			?
Sunset: Time, Character,									6:49 Cloudy			
Moonset:									1:45p			
Sunshine (in tenths of hours)	1.0	1.0	1.0	0.8	0.3	0.6	0					
Wind direction	S	S	S	SW	S	S	S	S	S	S	S	S
Wind movement	12	14	15	15	13	10	10	7	10	7	7	8
Maximum velocities (exceeding 29 miles) direction and time												

	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																				

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
80	65	72	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow, sleet, and hail on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Cloudy Moon phase,

Average daily cloudiness (0-10), 8

Actual sunshine, hours, 8.8 Possible sunshine, hours, 14.1

Per cent of possible sunshine, 62

Prevailing wind direction, S Total wind 329

Average hourly velocity, 9.5 Extreme velocity, 12

Maximum velocity, 18 Direction, S

Time began, 3:17pm

Reduced barometer, 30.05 7 a. m. 29.97 7 p. m.

River gage, 2.0 feet

Relative humidity, 88 7 a. m. 73 7 p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

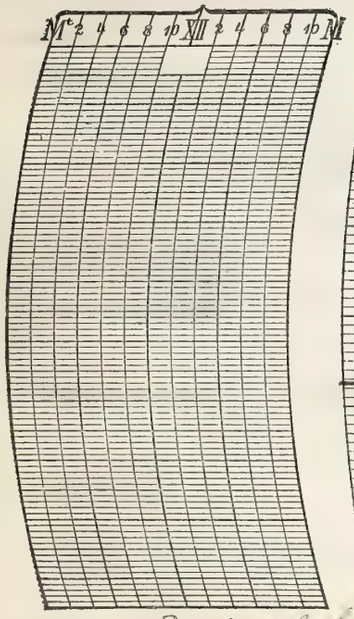
Dry temperature, 74.2 Wet temperature, 68.0

Dew-point, 65 R. humidity, 73 V. pressure, 0.46

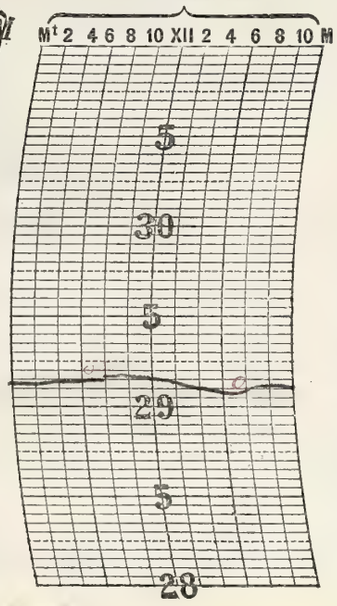
Clouds: Amount, 2; Kind, Cu; Direction, W.

Velocity of clouds (miles per hour)

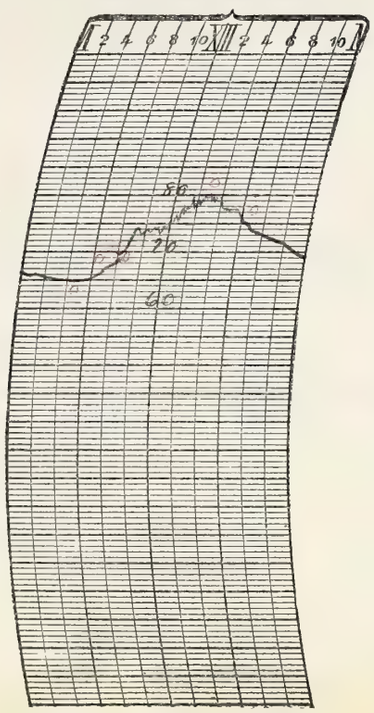
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

A cloudy day with moderate temperatures.

During the past week practically all the oats have been cut & some have been threshed. Wheat has all been gathered and threshing is progressing rapidly. Corn is in excellent condition and is extremely late. Truck gardens and pastures are in excellent condition.

Prepared by C. A. Schulz

Verified by

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Monday, (Date) AUG - 1920, 192

Time (local standard). 90° mer. normal time.

	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	68	67	66	65	65	67	69	72	76	75	79	80
State of weather. Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions	?					Cloudy					×	
Sunrise: Time, Character,	4:44 Cloudy											
Moonrise:												
Sunshine (in tenths of hours)					0	0	0	0.2	1.0	1.0	1.0	1.0
Wind direction	S	S	S	S	S	S	S	SW	SW	SW	S	SW
Wind movement	8	10	7	5	7	8	10	11	11	11	11	10
Maximum velocities (exceeding ___ miles) direction and time												

	P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	81	82	83	81	80	78	77	74	73	72	70	70
State of weather. Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions					Pt. Cloudy							?
Sunset: Time, Character,									6:48 Cloudy			
Moonset:									2:48 P			
Sunshine (in tenths of hours)	1.0	1.0	0.9	0.8	0.7	0.3	0					
Wind direction	SW	SW	SW	S	S	S	S	S	S	S	S	SW
Wind movement	11	11	11	12	10	10	8	8	9	9	7	8
Maximum velocities (exceeding ___ miles) direction and time												

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
83	65	74.6	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Pt Cloudy Moon phase,
Average daily cloudiness (0–10), 7
Actual sunshine, hours, 9.1 Possible sunshine, hours, 14.
Per cent of possible sunshine, 65
Prevailing wind direction, S. Total wind 523
Average hourly velocity, 9.2 Extreme velocity, 14
Maximum velocity, 13 Direction, SW
Time began, 7:05 am
Reduced barometer, 30.00 ? a. m. 29.90, p. m.
River gage, 2.0 Feet
Relative humidity, 88 a. m. 70 p. m.

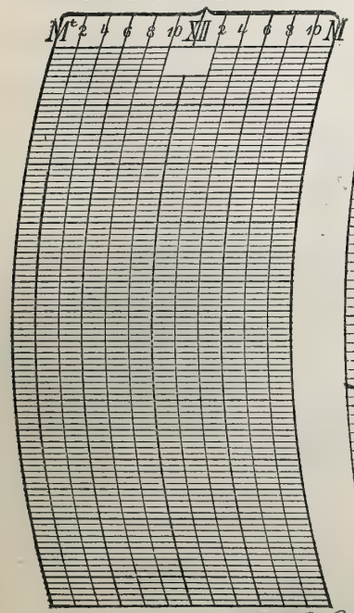
Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

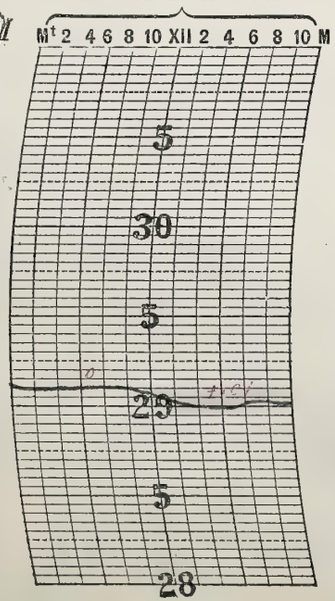
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 81.0 Wet temperature, 70.0
Dew-point, 65 R. humidity, 58 V. pressure, .616
Clouds: Amount, 5; Kind, Cu; Direction, SW
Velocity of clouds (miles per hour)

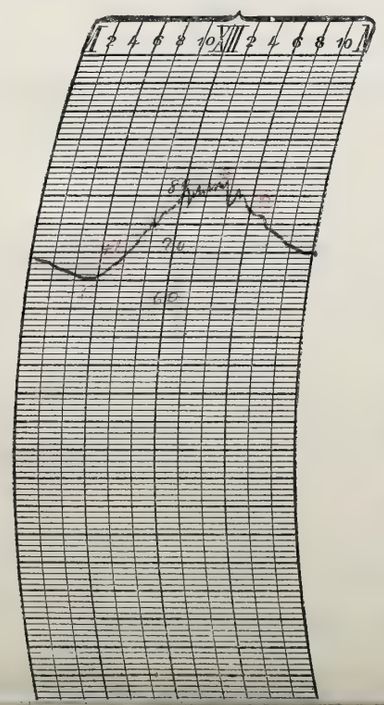
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

Heavy dew covered this morning.
A partly cloudy day with moderate temperature.
A thunderstorm passed to the north of the station and viewing it from the office window it appeared to be of considerable intensity and probably was attended by heavy precipitation as Monroeville reported 1.40 precipitation on the morning of the 16th. This storm occurred between the hours of seven and ten pm.

Prepared by } C. A. Schick.
Verified by }

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Tuesday, (Date) AUG 1 1916, 192

Time (local standard). 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	69	69	69	68	67	68	69	74	77	81	82	84	82	83	85	84	83	81	80	74	72	71	70	68
State of weather: Nature of precipitation and time of beginning and ending			RB DNA	RE DNA																				
Amounts of precipitation			.01	.01																				
Cloudiness and other conditions	7				Clear						x Pt Cldy x		Cloudy x				Pt Cloudy							7
Sunshine (in tenths of hours)					0	0	0.4 0.6	1.0	1.0	1.0	1.0	0.9	0.8	1.0	1.0	1.0	1.0	0.7 0.1	.78 0					
Wind direction	SW	NW	NW	NW	S	S	SW	W	NW	NW	NW	W	W	NW	NW	NW	NW	N	N	E	E	E	E	E
Wind movement	2	2	1	1	5	4	6	4	6	7	8	9	8	10	12	11	9	5	3	4	4	3	3	2
Maximum velocities (exceeding 29 miles) direction and time																								

Sunrise: Time, 4:45 Character, Cloudy

Moonrise: 12:48a

Sunset: Time, 6:40 Character, Clear

Moonset: 3:47p

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
85	67	76	

Total depth of snow for 24 hours ending 4 p. m., 0 inches.

Snow, sleet, and hail on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., .01 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, .02 inches.

Character of day, Pt Cloudy Moon phase,

Average daily cloudiness (0-10), 4

Actual sunshine, hours, 12.3 Possible sunshine, hours, 14.0

Per cent of possible sunshine, 88

Prevailing wind direction, NW Total wind 130

Average hourly velocity, 5.4 Extreme velocity, 13

Maximum velocity, 13 Direction, NW

Time began, 2:20pm

Reduced barometer, 29.92 7 a. m. 29.88 7 p. m.

River gage, 2.0 ft

Relative humidity, 89 7 a. m. 51 7 p. m.

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

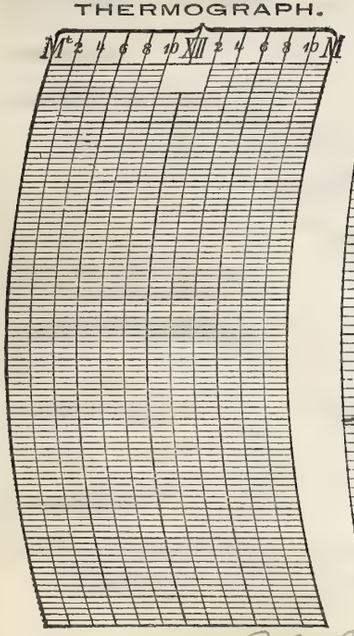
Dry temperature, 80.4 Wet temperature, 67.0

Dew-point, 60 R. humidity, 50 V. pressure, .527

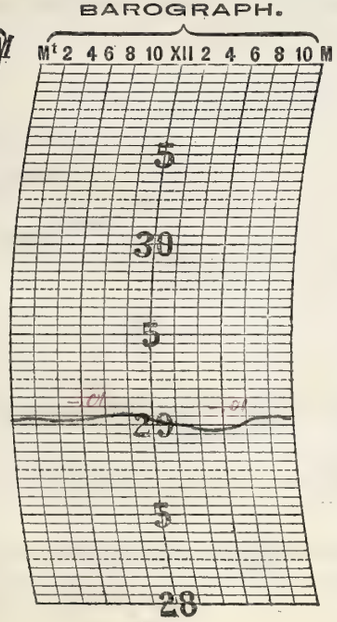
Clouds: Amount, 8; Kind, StCu; Direction, NW

Velocity of clouds (miles per hour)

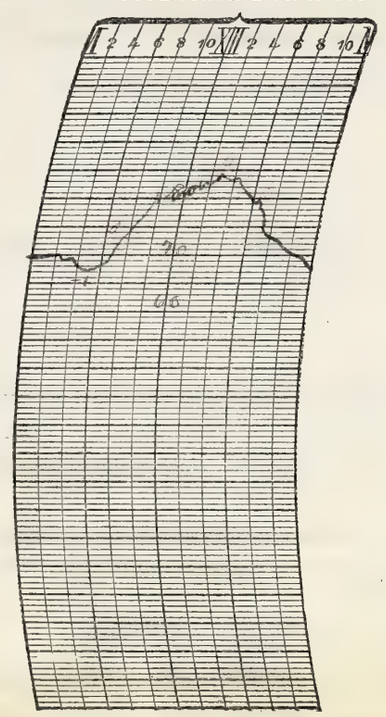
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

A Thunderstorm occurred during the midnight. According to reports the electrical display was rather heavy but the precipitation was very light.

Prepared by C. Clark Nick

Verified by

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Wednesday, (Date) AUG 1 1900, 192

Time (local standard). 90° mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	66	66	65	64	63	61	68	75	76	78	79	80	81	82	82	82	81	81	79	79	74	74	72	71
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions	?				Clear								Clear			×			Pt. Cloudy					
Sunrise: Time, Character,	4:40 Clear																				Sunset: Time, Character, 6:45 Cloudy			
Moonrise:	1:55																				Moonset: 4:45			
Sunshine (in tenths of hours)					.22 0	0.9 0.1	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.7	0	0					
Wind direction	E	0	E	E	E	E	E	E	E	E	E	E	NE	E	NE	NE	E	E	E	E	E	SE	SE	E
Wind movement	2	0	1	1	1	2	3	3	3	5	5	6	5	6	6	5	4	3	3	3	4	4	3	3
Maximum velocities (exceeding 29 miles) direction and time																								

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
82	63	73	

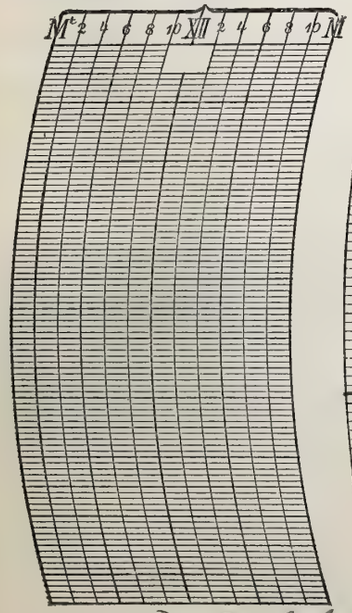
Total depth of snow for 24 hours ending ? p. m., 0 inches.
Snow, sleet, and hail on ground ? p. m., ? inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to ? a. m., 0 ins.; to ? p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Clear Moon phase,
Average daily cloudiness (0-10), 2
Actual sunshine, hours, 11.9 Possible sunshine, hours, 14.0
Per cent of possible sunshine, 85
Prevailing wind direction, E Total wind 71
Average hourly velocity, 2.4 Extreme velocity, 9
Maximum velocity, 9 Direction, NE
Time began, 12:44 PM.
Reduced barometer, 29.99 ? a. m. 29.94 ? p. m.
River gage, 2.0 feet.
Relative humidity, 82 ? a. m. 60 ? p. m.

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

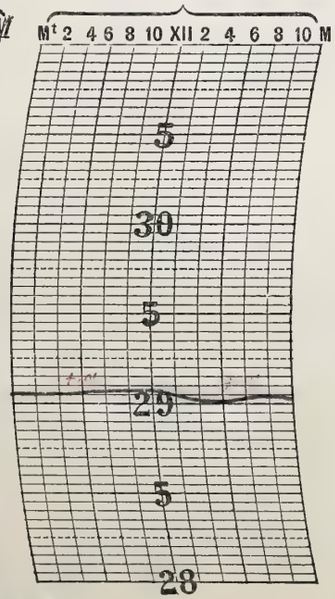
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 78.8 Wet temperature, 67.8
Dew-point, 62 R. humidity, 57 V. pressure, .555
Clouds: Amount, 1; Kind, Cu; Direction, NW
Velocity of clouds (miles per hour)

THERMOGRAPH.



BAROGRAPH.



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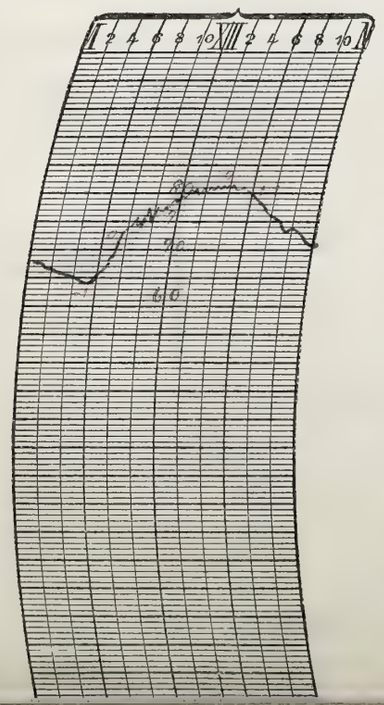


NOTES.

Heavy dew observed this morning a clear day and while temperatures were not extremely high the day was rather oppressive.

Prepared by } C. A. Schick
Verified by }

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Thursday, (Date) AUG 1 1929, 192

Time (local standard). 90 mer. normal time.

	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	72	70	67	66	66	65	70	72	78	79	81	82	84	83	84	84	84	83	82	77	75	74	73	72
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions	Pt. Cloudy								×	Cloudy ×			Pt. Cloudy ×				Cldy ×		Pt. Cloudy					?
Sunshine (in tenths of hours)					0	0	0.6	0.3	0.5	1.0	1.0	1.0	1.0	1.0	0.8	1.0	0.6	0	0					
Wind direction	SE	SE	SE	SE	SE	SE	E	SE	E	SE	E	SE	E	E	E	E	E	E	SW	SW	SE	S	S	S
Wind movement	2	1	2	2	3	3	4	3	3	3	5	4	5	5	7	6	4	1	1	3	3	5	3	2
Maximum velocities (exceeding 31 miles) direction and time																								

Sunrise: Time, 4:48 Character, Cloudy

Moonrise: 3:03a

Sunset: Time, 6:44 Character, Cloudy

Moonset: 8:24p

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
84	65	74	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow, sleet, and hail on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Pt. Cloudy Moon phase,

Average daily cloudiness (0–10), 7

Actual sunshine, hours, 8.2 Possible sunshine, hours, 13.2

Per cent of possible sunshine, 62

Prevailing wind direction, SE Total wind 80

Average hourly velocity, 2.3 Extreme velocity, 11

Maximum velocity, 11 Direction, E

Time began, 2:31 p.m.

Reduced barometer, 29.95 a. m. 29.87, p. m.

River gage, 2.1 Fall

Relative humidity, 82 a. m. 70 p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

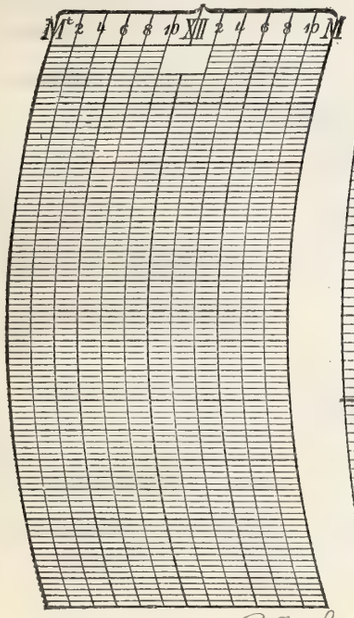
Dry temperature, 82.4 Wet temperature, 69.0

Dew-point, 63 R. humidity, 51 V. pressure, .375

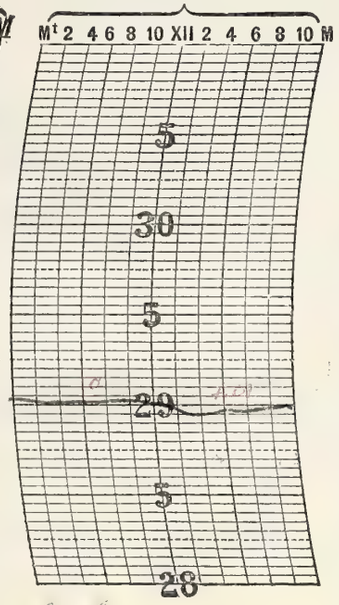
Clouds: Amount, 7; Kind, Ac Cu; Direction, NW

Velocity of clouds (miles per hour)

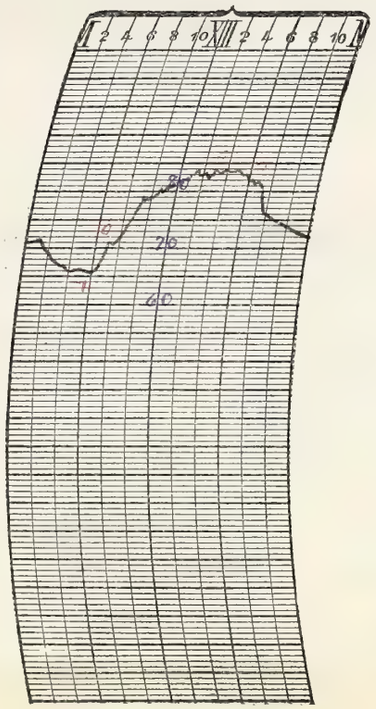
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

Prepared by C. W. Schick

Verified by

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Friday, (Date) AUG 13 1920, 192

Time (local standard). 90° mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	72	72	71	70	69	69	69	72	72	73	74	79
State of weather. Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions	2					Cloudy						
Sunshine (in tenths of hours)					0	0	0	0	0	0	0	0.8
Wind direction	S	S	S	SW	W	WNW	W	W	NW	NW	NW	W
Wind movement	2	2	4	2	4	4	7	8	7	7	4	5
Maximum velocities (exceeding 29 miles) direction and time												

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	80	80	82	81	81	79	77	76	74	71	70	68
State of weather. Nature of precipitation and time of beginning and ending									RB 8:50	RE 9:07		
Amounts of precipitation									T	0.1		
Cloudiness and other conditions	x					Pt Cloudy						7
Sunshine (in tenths of hours)	1.0	0.9	1.0	0.8	0.7	0.6	0					
Wind direction	NW	NW	NW	NW	NW	NW	NE	E	E	N	N	N
Wind movement	7	8	9	8	5	4	4	2	4	5	5	3

Sunrise: Time, 4:49 Character, Cloudy
Moonrise: 4:15a
Sunset: Time, 6:43 Character, Cloudy
Moonset: 6:08p

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
82	68	75	

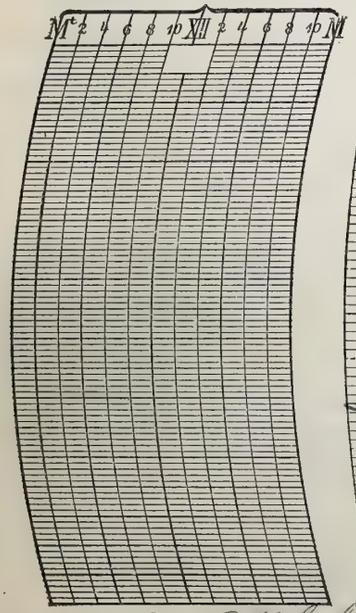
Total depth of snow for 24 hours ending 2 p. m., 0 inches.
Snow, sleet, and hail on ground 2 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 2 a. m., 0 ins.; to 2 p. m., 0 ins.
Total precipitation, midnight to midnight, 0.1 inches.
Character of day, Cloudy Moon phase, NEW
Average daily cloudiness (0-10), 5
Actual sunshine, hours, 5.3 Possible sunshine, hours, 13.9
Per cent of possible sunshine, 38
Prevailing wind direction, NW Total wind 117
Average hourly velocity, 4.9 Extreme velocity, 10
Maximum velocity, 10 Direction, NW
Time began, 3:14 p.m.
Reduced barometer, 29.93 a. m. 29.91, p. m.
River gage, 2.2 Feet
Relative humidity, 86 a. m. 67 p. m.

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

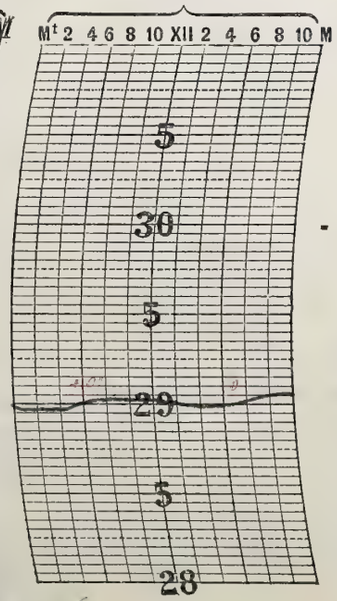
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 77.0 Wet temperature, 70.5
Dew-point, 68 R. humidity, 73 V. pressure, 0.84
Clouds: Amount, 9; Kind, St; Direction, NW
Velocity of clouds (miles per hour)

THERMOGRAPH.



BAROGRAPH.



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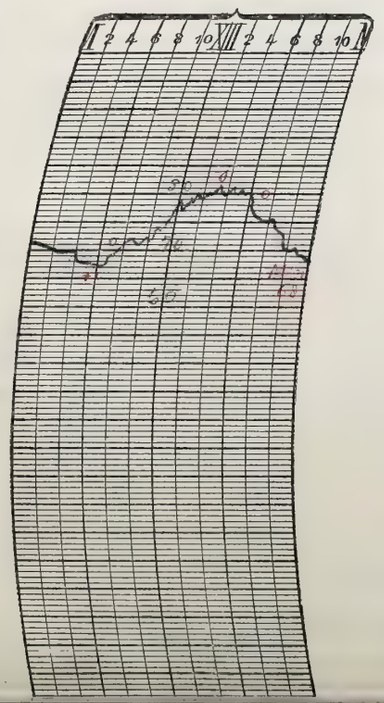


NOTES.

Thunderstorm:- First thunder heard 9:00pm. Last thunder heard 9:40pm. The storm moved from the northwest and was of very light intensity and accompanied by a very light shower of rain.

Prepared by } E. A. Schuck
Verified by }

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Saturday, (Date) AUG 14 1920, 192

Time (local standard). 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	67	67	65	64	64	65	68	68	71	71	74	75
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions	7					Cloudy						
Sunshine (in tenths of hours)					0	0	0	0	0	0.1	0	0.9
Wind direction	N	N	N	N	NW	N	N	N	N	N	NW	NW
Wind movement	4	3	2	5	6	4	4	2	3	4	4	2

Sunrise: Time, 4:50; Character, Cloudy. Moonrise: 6:27a

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	78	79	81	80	80	79	77	73	72	69	67	66
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions		×			Pt	Cloudy						7
Sunshine (in tenths of hours)	1.0	1.0	1.0	1.0	1.0	0.3	0					
Wind direction	W	W	W	W	NW	NW	NW	NW	NW	NW	NW	N
Wind movement	6	5	6	5	6	4	4	4	5	5	7	4

Sunset: Time, 6:41; Character, Cloudy. Moonset: 6:44p

	Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
	81	64	72	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., .01 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0-10), 8
Actual sunshine, hours, 6.3 Possible sunshine, hours, 13.8
Per cent of possible sunshine, 46
Prevailing wind direction, N. NW. Total wind 104
Average hourly velocity, 4.3 Extreme velocity, 8
Maximum velocity, 8 Direction, NW.
Time began, 4:31 am
Reduced barometer, 30.03 7 a. m. 30.02 7, p. m.
River gage, R.R. Pic
Relative humidity, 76 7 a. m. 62 7 p. m.

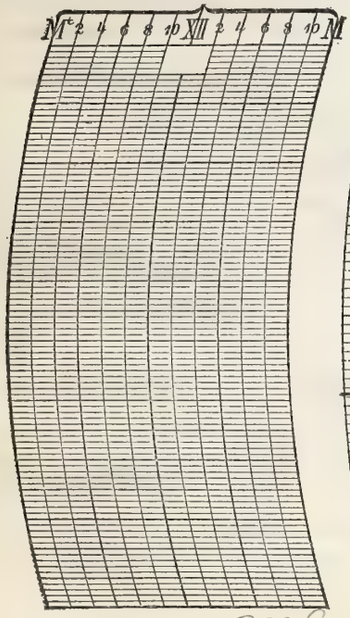
Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

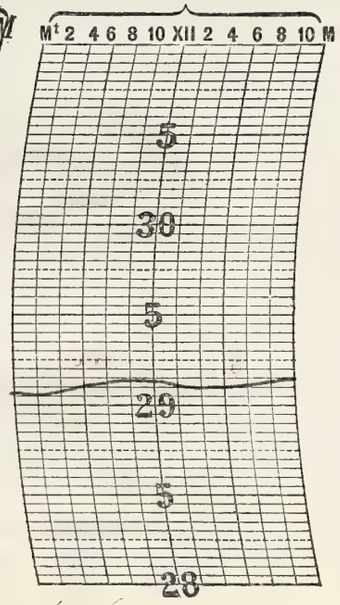
OBSERVATIONS AT 12 NOON. (Local Mean Time.)

Dry temperature, 75.0 Wet temperature, 68.5
Dew-point, 65 R. humidity, 72 V. pressure, .661
Clouds: Amount, 9; Kind, St; Direction, N.
Velocity of clouds (miles per hour)

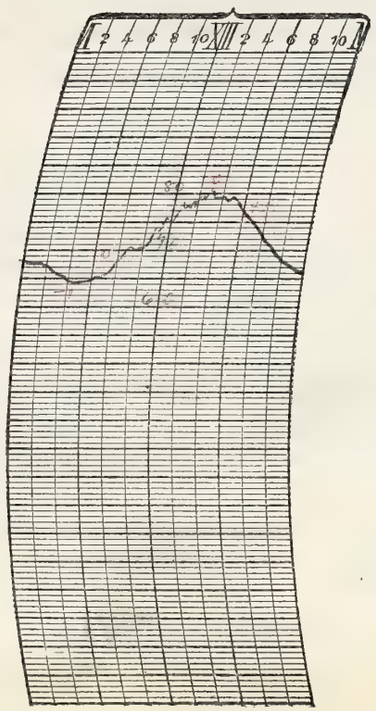
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

A cloudy day with moderate temperatures.
Light fog accursed from 2 to 4 a. m. until 8:15 am this date.

Prepared by } C. C. Schick
Verified by }

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Sunday, (Date) AUG 15 1920, 192

Time (local standard). 90th mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	66	65	65	63	63	63	66	69	71	73	76	78
Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions						Pt Cloudy					*	
Sunshine (in tenths of hours)					0	0	0.5	0.7	0.6	0.8	1.0	1.0
Wind direction	N	N	N	N	N	N	N	N	N	N	N	NE
Wind movement	4	3	4	3	2	3	4	4	4	5	4	4
Maximum velocities (exceeding 29 miles) direction and time												

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	79	80	81	80	78	78	77	74	71	70	69	68
Nature of precipitation and time of beginning and ending					RB 4:10	RE 5:20		RB 7:10 RE 7:37	RB 8:13			
Amounts of precipitation					T	T		T	T	T	.01	.11
Cloudiness and other conditions				Cloudy								
Sunshine (in tenths of hours)	1.0	0.5	0.9	0.4	0	0	0					
Wind direction	N	N	N	N	N	N	N	N	NE	N	N	N
Wind movement	4	3	4	4	2	3	4	8	11	7	8	9
Maximum velocities (exceeding 29 miles) direction and time												

State of weather.

Sunrise: Time, 4:57 Character, Cloudy
Moonrise: 6:59a

Sunset: Time, 6:40 Character, Cloudy
Moonset: 7:18p

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

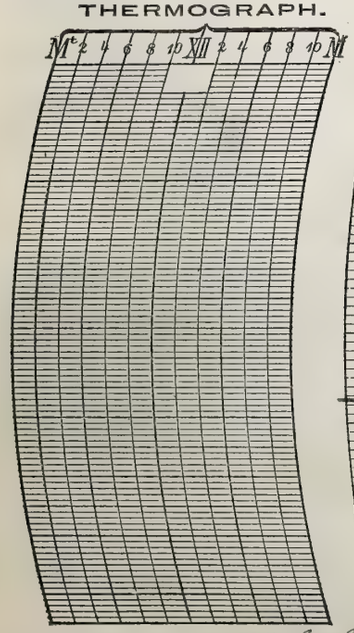
Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
81	63	72	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., T ins.
Total precipitation, midnight to midnight, .12 inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0-10), 8
Actual sunshine, hours, 7.8 Possible sunshine, hours, 13.8
Per cent of possible sunshine, 57
Prevailing wind direction, N Total wind 1
Average hourly velocity, Extreme velocity,
Maximum velocity, 12 Direction, NE
Time began, 7:42 pm
Reduced barometer, 30.09 7 a. m. 30.00 7 p. m.
River gage, 2.1 Fall
Relative humidity, 85 7 a. m. 72 7 p. m.

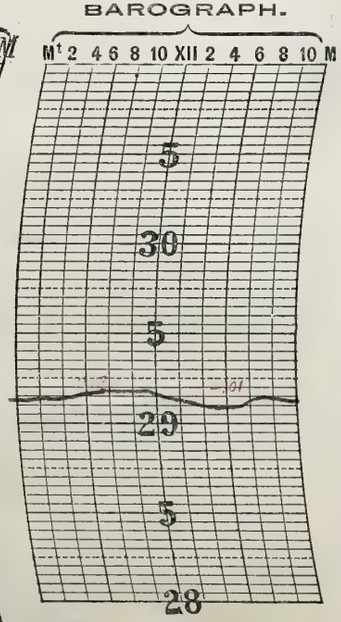
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 78.3 Wet temperature, 67.3
Dew-point, 61 R. humidity, 57 V. pressure, .536
Clouds: Amount, 8; Kind, Cu; Direction, NE
Velocity of clouds (miles per hour)

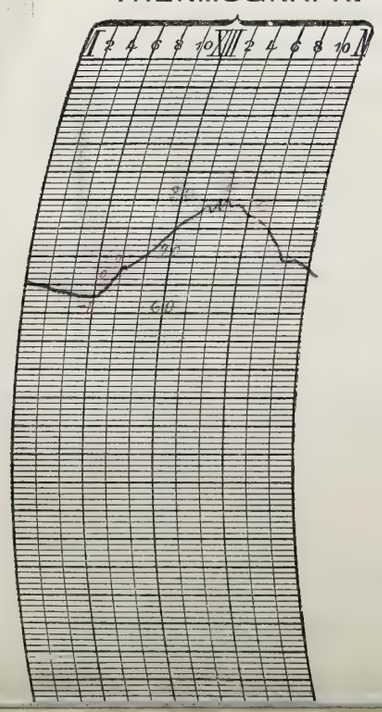
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



Prepared by } C. A. Schaefer
Verified by

NOTES.

A cloudy day with very light precipitation in the afternoon and evening.

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Monday, (Date) AUG 1 8 1920, 192

Time (local standard). 90th mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	65	63	62	62	62	62	63	63	62	63	64	69
State of weather. Nature of precipitation and time of beginning and ending											RR	
Amounts of precipitation	.22	.30	.46	.01	.01	.05	.05	.01	.25	.13	.01	
Cloudiness and other conditions					Cloudy							
Sunrise: Time, Character,	4:52 Cloudy											
Moonrise:	7:46a											
Sunshine (in tenths of hours)					0	0	0	0	0	0	0.1	0.6
Wind direction	NW	NW	N	N	NW	NW	NW	NW	NW	NW	NW	NW
Wind movement	11	14	12	8	9	11	12	11	11	8	11	11

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	69	71	71	71	70	70	70	69	69	68	68	67
Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions					Cloudy							?
Sunset: Time, Character,									6:39 Cloudy			
Moonset:									9:51p			
Sunshine (in tenths of hours)	0	0	0	0	0	0	0					
Wind direction	NW	W	W	NW	NW	NE	NE	NE	N	NW	NW	NW
Wind movement	10	9	8	5	3	2	2	2	2	2	2	1

Maximum velocities (exceeding ___ miles) direction and time

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
71	62	66	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow, sleet, and hail on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 1.20 ins.; to 7 p. m., 1.2 ins.

Total precipitation, midnight to midnight, 1.50 inches.

Character of day, Cloudy Moon phase, ____

Average daily cloudiness (0-10), 10

Actual sunshine, hours, 0.7 Possible sunshine, hours, 13.8

Per cent of possible sunshine, 5

Prevailing wind direction, NW Total wind 177

Average hourly velocity, 7.4 Extreme velocity, 12

Maximum velocity, 18 Direction, NW

Time began, 12:57 a.m.

Reduced barometer, 30.05 7 a. m. 30.09 7 p. m.

River gage, 3.5 feet

Relative humidity, 95 7 a. m. ____ 7 p. m.

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

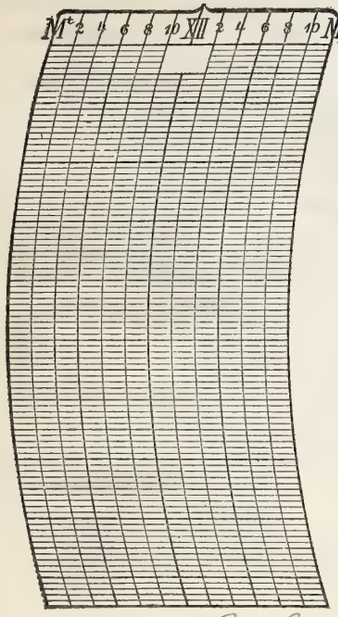
Dry temperature, 69.2 Wet temperature, 64.0

Dew-point, 61 R. humidity, 76 V. pressure, .536

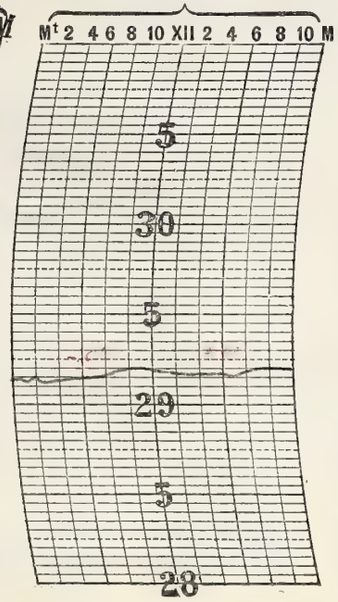
Clouds: Amount, 2; Kind, St; Direction, NW

Velocity of clouds (miles per hour)

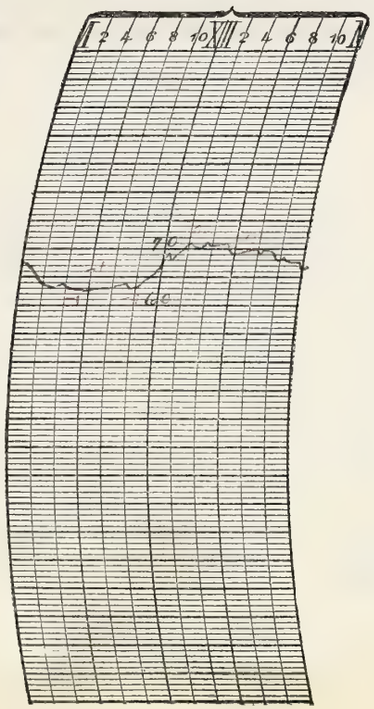
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

A thunderstorm began 10 M. A. and last thunder was heard 10 M. A. According to what the storm moved from the northwest was of light intensity, the thunder lasting but about twenty minutes. However there was quite a rain during the night and it is believed to have been rather general throughout this section.

Prepared by } C. O. Schick
Verified by }

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Tuesday, (Date) AUG 17 1920, 192

Time (local standard). 90 mer. normal time.

	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	67	66	65	65	65	64	66	71	74	77	79	81
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions	Clear											
Sunshine (in tenths of hours)					.12 0	1.0 0	0.2 0.8	1.0	1.0	1.0	1.0	1.0
Wind direction	NW	NW	NW	NW	NW	NW	N	N	NW	N	N	N
Wind movement	1	1	1	3	3	4	5	5	6	8	7	8
Maximum velocities (exceeding 24 miles) direction and time												

	P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	81	82	82	82	82	80	77	76	74	73	71	70
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions	Clear											
Sunshine (in tenths of hours)	1.0	1.0	1.0	1.0	1.0	0.5 0.5	.62 0					
Wind direction	N	N	N	N	N	N	N	E	E	E	E	E
Wind movement	9	9	8	7	6	5	3	3	2	4	4	4
Maximum velocities (exceeding 24 miles) direction and time												

Sunrise: Time, 4:53 Character, Clear
Moonrise: 8:52 a.
Sunset: Time, 6:37 Character, Clear
Moonset: 8:23 p.

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
82	64	73	

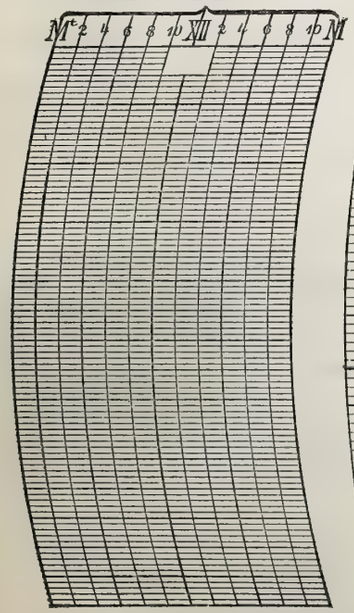
Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Clear Moon phase,
Average daily cloudiness (0-10), 0
Actual sunshine, hours, 13.7 Possible sunshine, hours, 13.7
Per cent of possible sunshine, 100
Prevailing wind direction, N Total wind 116
Average hourly velocity, 4.8 Extreme velocity, 12
Maximum velocity, 12 Direction, NE
Time began, 1:36 p.m.
Reduced barometer, 30.11 7 a. m. 30.15 7, p. m.
River gage, 4.3 Feet.
Relative humidity, 85 7 a. m. 41 2 p. m.

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

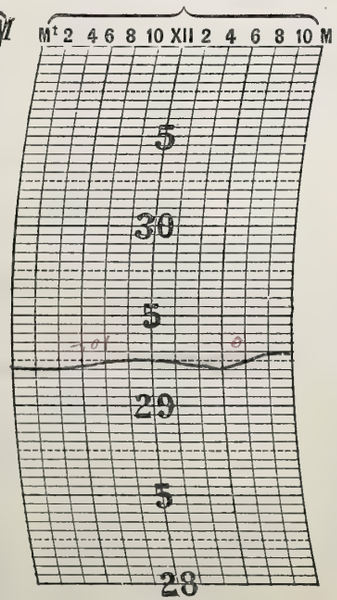
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 80.0 Wet temperature, 65.5
Dew-point, 57 R. humidity, 46 V. pressure, .465
Clouds: Amount, Few; Kind, Cu; Direction, NW
Velocity of clouds (miles per hour)

THERMOGRAPH.



BAROGRAPH.



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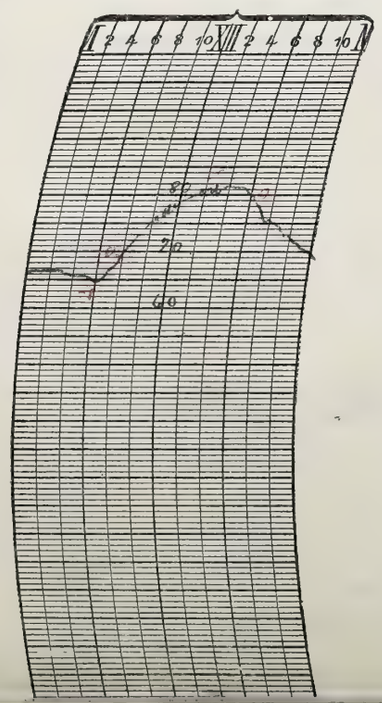


NOTES.

A clear and balmy day with moderate temperatures.

Prepared by C. W. Schlick
Verified by

Form No. 1014—Met 1. 8—486

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Wednesday, (Date) AUG 18 1920, 192

Time (local standard). 2" mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	67	66	65	64	63	65	66	71	74	76	78	81
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions	Clear											
Sunrise: Time, Character, 4:54 Clear												
Moonrise: 9:57a												
Sunshine (in tenths of hours)					.10 0	1.0 0	0.1 0.9	1.0	1.0	1.0	1.0	1.0
Wind direction	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	E	NE
Wind movement	5	6	6	4	5	5	5	6	6	7	6	8
Maximum velocities (exceeding 20 miles) direction and time												

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	81	82	81	80	78	76	74	72	69	68	67	67
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions	Clear											
Sunset: Time, Character, 6:36 Cloudy												
Moonset: 8:54p												
Sunshine (in tenths of hours)	1.0	1.0	0.9	1.0	1.0	0.6 0.4	0					
Wind direction	E	E	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE
Wind movement	10	16	10	12	13	12	11	9	7	7	7	7
Maximum velocities (exceeding 20 miles) direction and time												

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

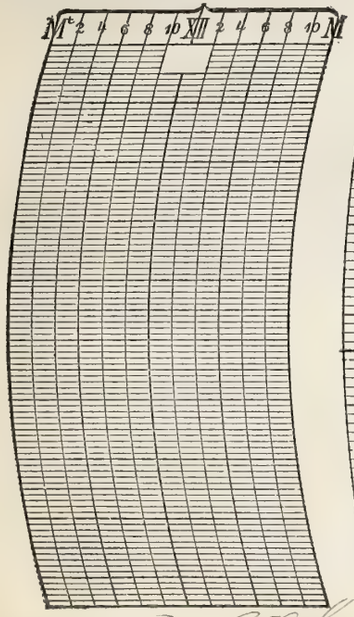
Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
82	63	72.5	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Clear Moon phase,
Average daily cloudiness (0-10), 1
Actual sunshine, hours, 13.0 Possible sunshine, hours, 13.7
Per cent of possible sunshine, 95
Prevailing wind direction, NE Total wind 188
Average hourly velocity, 7.6 Extreme velocity, 15
Maximum velocity, 15 Direction, NE
Time began, 3:35 pm
Reduced barometer, 30.27 7 a. m. 30.22 7 p. m.
River gage, 3.3 Feet
Relative humidity, 67 7 a. m. 61 7 p. m.

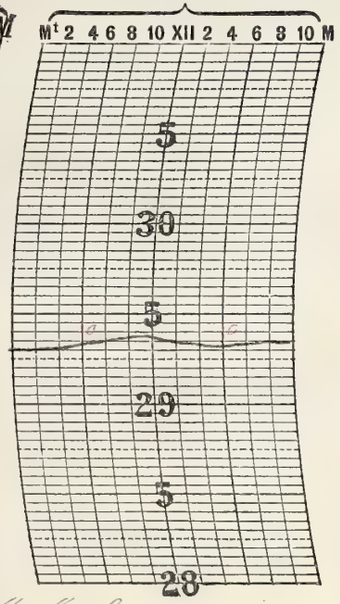
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 78.0 Wet temperature, 68.0
Dew-point, 63 R. humidity, 60 V. pressure, .575
Clouds: Amount, 1; Kind, Cu; Direction, NE
Velocity of clouds (miles per hour)

THERMOGRAPH.



BAROGRAPH.



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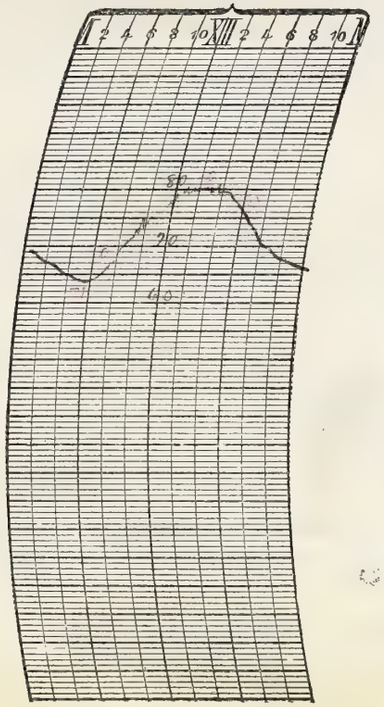


NOTES.

A clear and very pleasant day with moderate temperatures

Prepared by F. C. Schnick
Verified by

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Thursday, (Date) AUG 19 1920, 192

Time (local standard). 90th mer. normal time.

	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	66	65	65	64	63	63	66	70	73	75	76	79	80	82	82	81	80	78	77	75	73	72	72	72
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions	← Clear												→				← Pt. Cloudy			→				
Sunshine (in tenths of hours)					0	0	0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.8	0	0					
Wind direction	NE	NE	NE	NE	NE	NE	NE	E	E	E	E	E	E	E	E	E	NE	E	E	E	E	E	E	SE
Wind movement	8	8	8	8	6	6	6	7	6	7	7	8	7	7	7	6	7	7	7	7	6	4	2	3
Maximum velocities (exceeding 24 miles) direction and time																								
Excessive precipitation, accumulated amounts																								

Sunrise: Time, 4:55; Character, Clear. Moonrise: 10:58a

Sunset: Time, 6:34; Character, Cloudy. Moonset: 9:32p

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

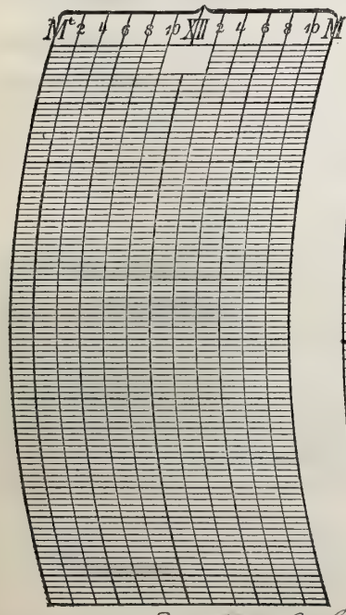
Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
82	63	72	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, ____ inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Clear Moon phase, ____
Average daily cloudiness (0-10), 2
Actual sunshine, hours, 11.2 Possible sunshine, hours, 13.6
Per cent of possible sunshine, 88
Prevailing wind direction, E Total wind 155
Average hourly velocity, 6.5 Extreme velocity, 10
Maximum velocity, 10 Direction, NE
Time began, 8:12 am
Reduced barometer, 30.23 7 a. m. 30.10 7 p. m.
River gage, 3.8 Feet
Relative humidity, 100 7 a. m. 100 7 p. m.

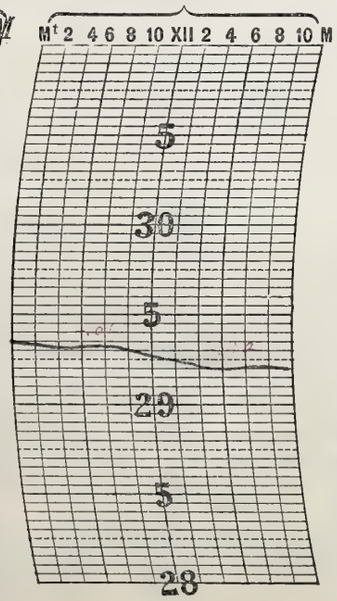
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 79.0 Wet temperature, 70.0
Dew-point, 66 R. humidity, 64 V. pressure, .638
Clouds: Amount, Few; Kind, Cu; Direction, W
Velocity of clouds (miles per hour)

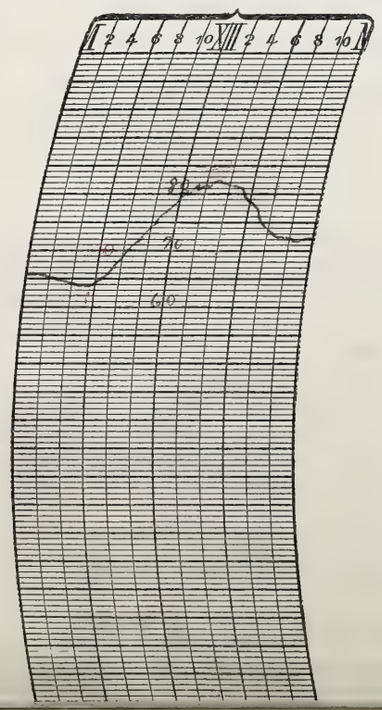
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

A clear and pleasant day with moderate temperature.

Prepared by E. L. Schick
Verified by

8—486

FORM NO. 1011—REV. 1. 8—486

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Friday, (Date) AUG 29 1920, 192

Time (local standard). 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	71	70	69	69	66	67	69	73	79	81	84	84
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions	Pt. Cloudy							Clear				
Sunshine (in tenths of hours)					0	0	0.7 0	0.2 0.8	1.0	1.0	0.9	0.8
Wind direction	SE	SE	SE	SE	SE	SE	S	S	S	S	S	SW
Wind movement	1	2	2	2	2	2	3	4	5	5	5	8
Maximum velocities (exceeding 25 miles) direction and time												

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	82	81	83	85	84	82	80	78	76	76	75	73
State of weather: Nature of precipitation and time of beginning and ending	RB 12:57	RE 1:12										
Amounts of precipitation	T	T										
Cloudiness and other conditions	Cly						Pt. Cloudy					
Sunshine (in tenths of hours)	0.4	0.6	1.0	1.0	0.8	0	0					
Wind direction	W	S	SE	S	S	S	SE	SE	SE	S	S	S
Wind movement	7	8	4	6	6	5	5	7	6	6	7	7
Maximum velocities (exceeding 25 miles) direction and time												

Sunrise: Time, 4:56 Character, Cloudy
Moonrise: 11:57a
Sunset: Time, 6:33 Character, Cloudy
Moonset: 10:14p

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
85	66	76	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., T ins.
Total precipitation, midnight to midnight, T inches.
Character of day, Pt. Cloudy Moon phase,
Average daily cloudiness (0-10), 5
Actual sunshine, hours, 9.2 Possible sunshine, hours, 13.6
Per cent of possible sunshine, 68
Prevailing wind direction, S Total wind 115
Average hourly velocity, 4.8 Extreme velocity, 13
Maximum velocity, 13 Direction, SW
Time began, 11:25p
Reduced barometer, 30.06 7 a. m. 29.92 7 p. m.
River gage, 3.1 Feet
Relative humidity, 83 7 a. m. 7 p. m.

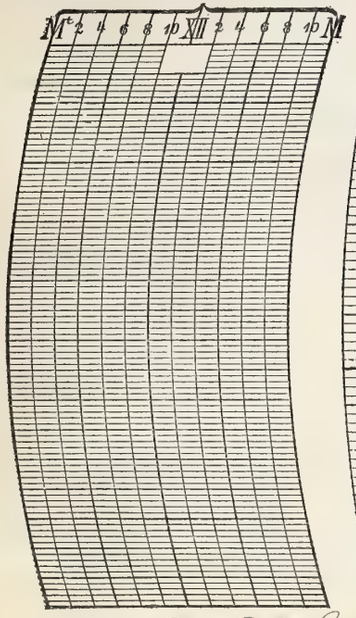
Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

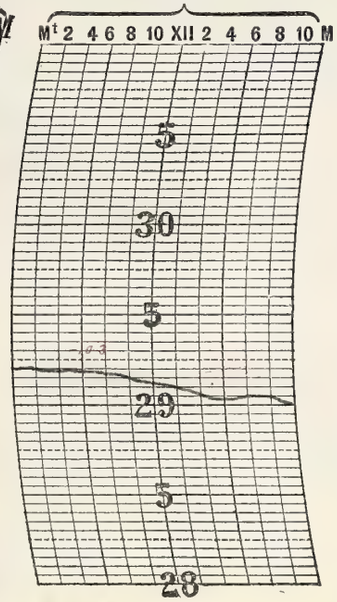
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 84.6 Wet temperature, 73.0
Dew-point, 68 R. humidity, 58 V. pressure, .684
Clouds: Amount, 6; Kind, Cu; Direction, SW
Velocity of clouds (miles per hour)

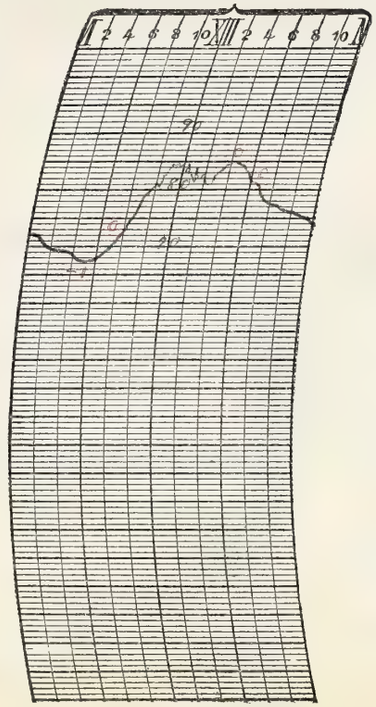
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

A partly cloudy and moderately warm day with a very light shower shortly after noon.

Prepared by E. C. Schuck
Verified by

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Saturday; (Date) AUG 2 1920, 192

Time (local standard). 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	72	72	72	71	71	74	73	78	78	79	74	77
State of weather: Nature of precipitation and time of beginning and ending												RB 11:07 RE 11:17
Amounts of precipitation												T
Cloudiness and other conditions	Pt Cloudy					x	Cloudy					
Sunrise: Time, Character,	4:57 Cloudy											
Moonrise:	12:53 P											
Sunshine (in tenths of hours)					0	0	0	0.8	0.2	0.3	0.9	0.7
Wind direction	S	S	S	S	S	S	SW	SW	SW	SW	SW	SW
Wind movement	8	7	8	7	7	10	10	11	14	15	18	14
Maximum velocities (exceeding 27 miles) direction and time												

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	76	77	71	70	65	65	64	64	64	63	63	63
State of weather: Nature of precipitation and time of beginning and ending	RB 12:50	RE 1:02	RB 2:40	RE 3:04								
Amounts of precipitation	T	T	T	T								
Cloudiness and other conditions					Cloudy							
Sunset: Time, Character,									6:31 Cloudy			
Moonset:									10:52 P			
Sunshine (in tenths of hours)	0	0.5	0	0	0	0	0					
Wind direction	W	W	NW	NW	N	N	N	N	N	N	N	N
Wind movement	14	9	14	13	16	14	10	11	11	10	7	8
Maximum velocities (exceeding 27 miles) direction and time												

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
80	63	72	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., .01 ins.
Total precipitation, midnight to midnight, .01 inches.
Character of day, Cloudy Moon phase, Last Qr. 45m. P
Average daily cloudiness (0–10), 9
Actual sunshine, hours, 3.8 Possible sunshine, hours, 13.6
Per cent of possible sunshine, 28
Prevailing wind direction, N Total wind 266
Average hourly velocity, 11.1 Extreme velocity, 23
Maximum velocity, 22 Direction, SW
Time began, 10:35 am.
Reduced barometer, 29.81 a. m. 29.95 p. m.
River gage, 2.0 rise
Relative humidity, 88 % a. m. 94 % p. m.

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

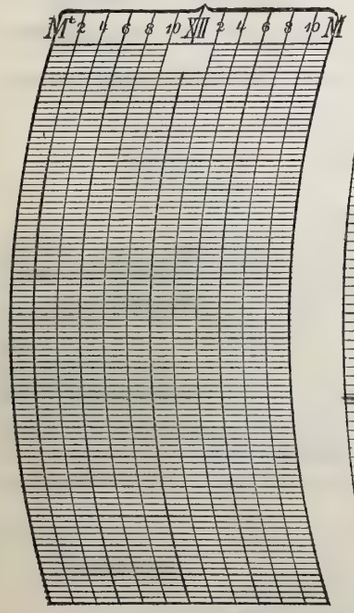
Accumulated depths during excessive rate, for consecutive periods of time indicated below.

Excessive precipitation, accumulated amounts

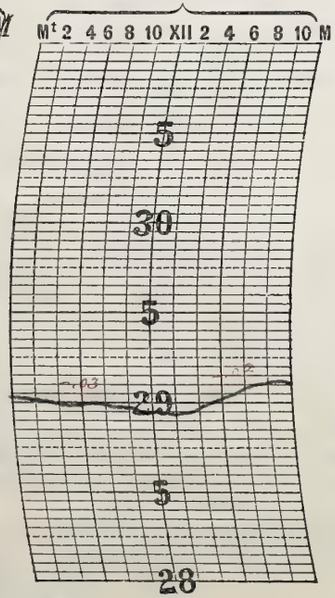
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 77.0 Wet temperature, 72.0
Dew-point, 70 R. humidity, 79 V. pressure, .732
Clouds: Amount, 9; Kind, St-Cu; Direction, SW
Velocity of clouds (miles per hour)

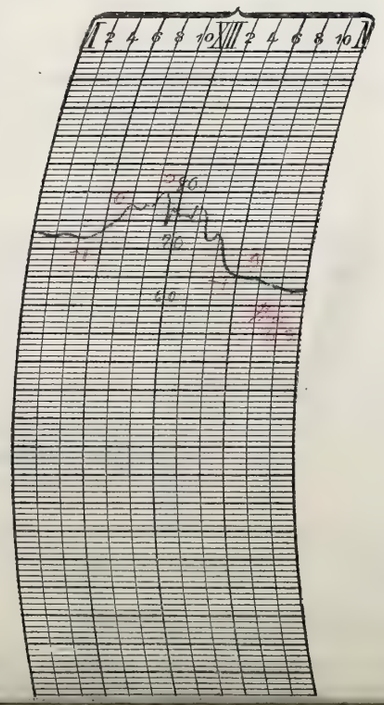
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

A cloudy day with light occasional showers and moderate temperature. Toward evening temperatures began to decline and by nights map of a light nature were found to be quite comfortable.

Prepared by } E. E. Schuck
Verified by }

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) [illegible], (Day of week) Sunday, (Date) AUG 22 1920, 192

Time (local standard) 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	62	60	59	57	54	54	55	58	61	62	63	64
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions	0				Clear							
Sunrise: Time, 4:58 Character, Clear												
Moonrise: 11:45p												
Sunshine (in tenths of hours)					.03 0	0.8 0.2	1.0	1.0	1.0	1.0	1.0	1.0
Wind direction	N	N	N	N	N	N	N	N	NE	NE	N	N
Wind movement	8	9	10	6	9	9	10	11	13	14	12	10
Maximum velocities (exceeding 22 miles) direction and time												

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	65	65	66	66	65	62	60	58	56	54	53	53
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions					Clear							0
Sunset: Time, 6:30 Character, Clear												
Moonset: 11:37p												
Sunshine (in tenths of hours)	1.0	1.0	1.0	1.0	0.8	0.5	0.4 0					
Wind direction	N	NE	N	N	N	NE	NE	NE	N	N	N	N
Wind movement	9	11	9	10	9	11	9	8	8	6	5	4
Maximum velocities (exceeding 22 miles) direction and time												

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
66	53	60	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow, sleet, and hail on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Clear Moon phase,

Average daily cloudiness (0-10), 1

Actual sunshine, hours, 13.2 Possible sunshine, hours, 13.5

Per cent of possible sunshine, 98

Prevailing wind direction, N Total wind 223

Average hourly velocity, 9.3 Extreme velocity, 20

Maximum velocity, 18 Direction, NE

Time began, 9:25 a.m.

Reduced barometer, 29.15 7 a. m. 30.21 7 p. m.

River gage, 2.4 Fall

Relative humidity, 75 7 a. m. 59 7 p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

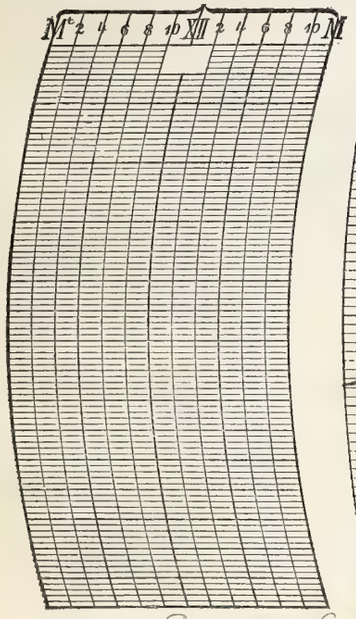
Dry temperature, 64.0 Wet temperature, 54.0

Dew-point, 46 R. humidity, 52 V. pressure, .310

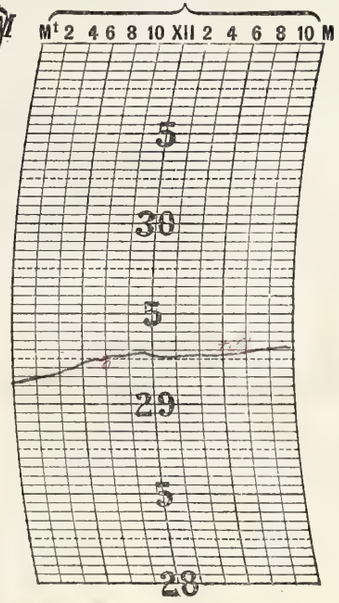
Clouds: Amount, 2; Kind, Cu; Direction, NE

Velocity of clouds (miles per hour)

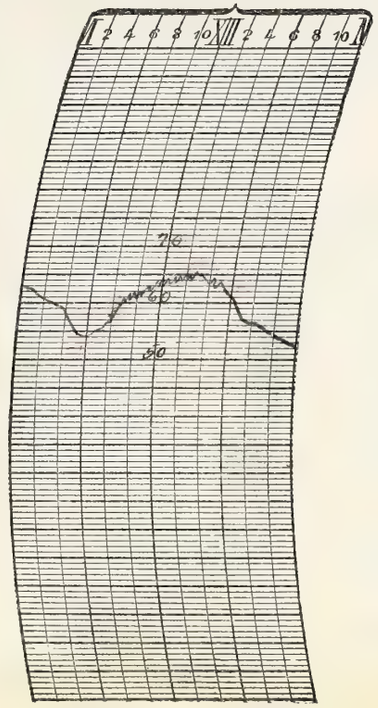
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

A clear and unseasonably cool day. Light frost in the necessary especially to matrimile

Prepared by C. O. Schuck.

Verified by

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Monday, (Date) AUG 23 1920, 192

Time (local standard). 90th mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	52	50	49	48	49	50	54	56	60	63	67	67
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions				Pt. Cloudy					×	Clear		
Sunshine (in tenths of hours)					0	0.2	1.0	1.0	1.0	1.0	1.0	1.0
Wind direction	N	N	N	N	N	N	N	NE	NE	NE	NE	NE
Wind movement	6	3	5	4	3	4	7	8	8	8	6	7
Maximum velocities (exceeding 24 miles) direction and time												

Sunrise: Time, 4:59 Character, Cloudy

Moonrise: 2:35

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	69	70	70	70	69	65	64	63	63	62	61	58
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions							Pt. Cloudy					
Sunshine (in tenths of hours)	1.0	1.0	1.0	1.0	0.4	0	0					
Wind direction	NE	NE	NE	NE	NE	NE	NE	E	E	NE	N	NE
Wind movement	5	6	6	5	6	4	3	1	2	2	1	4
Maximum velocities (exceeding 24 miles) direction and time												

Sunset: Time, 6:28 Character, Cloudy

Moonset: —

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
70	47	58	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow, sleet, and hail on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, — inches.

Character of day, Pt. Cloudy Moon phase, —

Average daily cloudiness (0-10), 4

Actual sunshine, hours, 10.6 Possible sunshine, hours, 13.5

Per cent of possible sunshine, 79

Prevailing wind direction, NE Total wind —

Average hourly velocity, — Extreme velocity, —

Maximum velocity, 12 Direction, NE

Time began, 8:43 am

Reduced barometer, 29.26 7 a. m. 29.21 7 p. m.

River gage, 4.35

Relative humidity, 7 7 a. m. 55 7 p. m.

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

OBSERVATIONS AT 12 NOON. (Local Mean Time.)

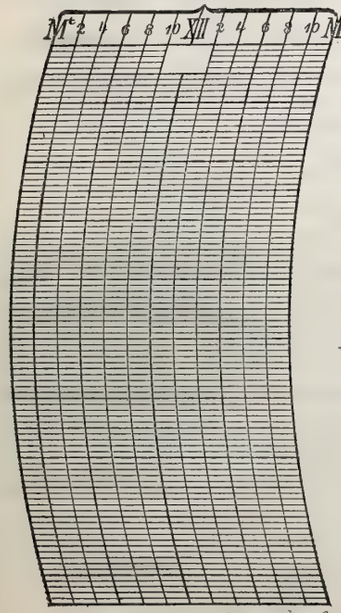
Dry temperature, 65.7 Wet temperature, 54.3

Dew-point, 45 R. humidity, 48 V. pressure, .298

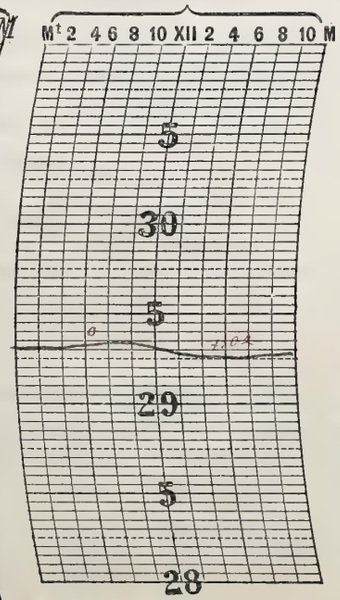
Clouds: Amount, 4; Kind, Ac u; Direction, W

Velocity of clouds (miles per hour)

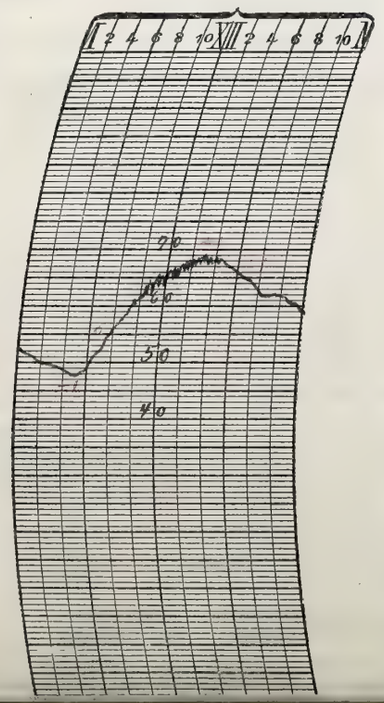
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



Prepared by } C. E. Schuck

Verified by }

NOTES.

⊗ Dew from eye observation, velocity not stated

∅ Rain for 23 hrs and 10 min.

Heavy dew observed this morning.

A partly cloudy and unseasonably cool day though sky unexceptional.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind, (Day of week) Tuesday, (Date) AUG 24 1920, 192

Time (local standard). 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	57	56	54	54	53	55	56	62	66	67	68	70
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions	Pt. Cloudy											
Sunrise: Time, 5:00 Character, Clear												
Moonrise: 3:11 p												
Sunshine (in tenths of hours)						1.00 0	0.2 0.8	1.0	1.0	1.0	1.0	1.0
Wind direction	NE	NE	NE	NE	NE	NE	NE	E	E	NE	N	N
Wind movement	4	5	4	3	1	3	6	5	5	6	5	6
Maximum velocities (exceeding ___ miles) direction and time												

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	71	71	72	72	72	70	69	66	64	62	60	59
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions	Clear											
Sunset: Time, 6:50 Character, Cloudy												
Moonset: 12:26 a												
Sunshine (in tenths of hours)	1.0	1.0	1.0	0.9	1.0	0.8						
Wind direction	N	N	E	NE	E	E	E	0	0	0	E	0
Wind movement	5	5	6	4	4	5	2	0	0	0	2	0
Maximum velocities (exceeding ___ miles) direction and time												

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
74	53	64	

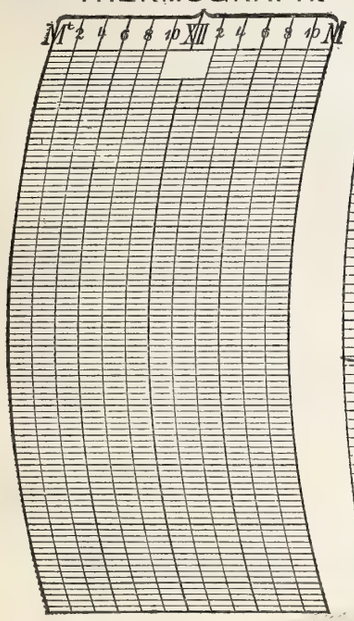
Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Pt. Cloudy Moon phase,
Average daily cloudiness (0-10), 4
Actual sunshine, hours, 12.3 Possible sunshine, hours, 13.4
Per cent of possible sunshine, 92
Prevailing wind direction, NE Total wind
Average hourly velocity, 3.6 Extreme velocity, 8
Maximum velocity, 8 Direction, NE
Time began, 11:00 a.m.
Reduced barometer, 30.23 7 a. m. 30.15 7, p. m.
River gage, 2.8 Feet
Relative humidity, 75 7 a. m. 53 p. m.

	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																				

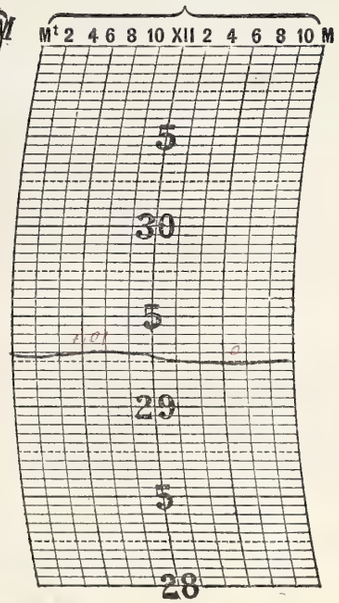
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 70.0 Wet temperature, 54.0
Dew-point, 40 R. humidity, 33 V. pressure, .247
Clouds: Amount, 6; Kind, A.Cu.; Direction, W.
Velocity of clouds (miles per hour)

THERMOGRAPH.



BAROGRAPH.



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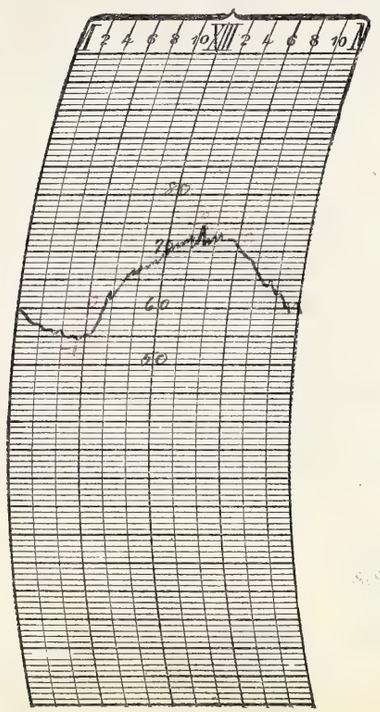


NOTES.

Heavy dew on the ground this morning at the am. observation

Prepared by

Verified by P. McDonough

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Wednesday, (Date) AUG 25 1920, 192

Time (local standard). 90" mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	57	56	53	54	54	57	59	68	71	72	74	74
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions	Clear											
Sunshine (in tenths of hours)						1.00 0	0.3 0.7	1.0	1.0	1.0	1.0	1.0
Wind direction	0	E	E	NE	NE	0	NE	E	E	E	N	N
Wind movement	0	3	4	2	2	0	2	2	2	4	4	5

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	76	77	76	77	74	73	72	67	66	66	66	65
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions	Clear				Clear			~~Clear~~	Cloudy			
Sunshine (in tenths of hours)	1.0	1.0	1.0	1.0	1.0	0	0					
Wind direction	N	N	N	N	E	E	E	E	E	E	E	E
Wind movement	4	4	5	4	4	2	3	4	5	4	4	2

Sunrise: Time, 5:00 Character, Clear
Moonrise: 3:57p
Sunset: Time, 6:25 Character, Cloudy
Moonset: 1:11a

Maximum velocities (exceeding 29 miles) direction and time

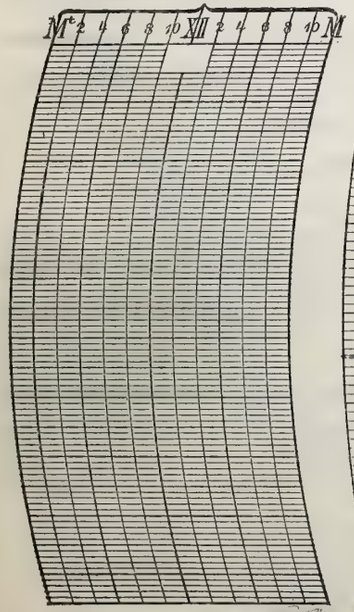
Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
77	53	65	

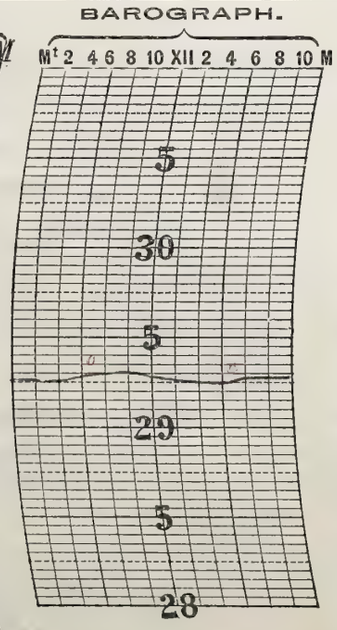
Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Clear Moon phase,
Average daily cloudiness (0-10), 1
Actual sunshine, hours, 12.0 Possible sunshine, hours, 13.3
Per cent of possible sunshine, 90
Prevailing wind direction, E Total wind 744
Average hourly velocity, 3.1 Extreme velocity, 7
Maximum velocity, * Direction, E
Time began, 2:45pm
Reduced barometer, 30.22 7 a. m. 30.15 7 p. m.
River gage, 2.2 feet
Relative humidity, 73 7 a. m. 47 7 p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)
Dry temperature, 73.5 Wet temperature, 57.0
Dew-point, 44 R. humidity, 34 V. pressure, .287
Clouds: Amount, 2; Kind, Cu; Direction, W
Velocity of clouds (miles per hour)

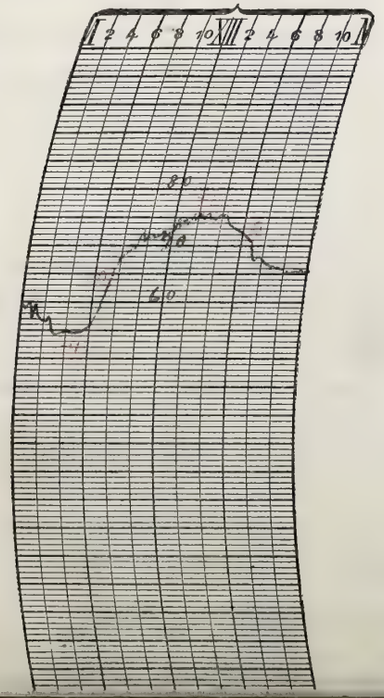
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



*for 23 hours & 20 minutes

NOTES.

Heavy dew on the ground this morning

Prepared by

Verified by P. W. Donough

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Thursday, (Date) AUG 26 1920, 192

Time (local standard). 90th mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	63	62	61	60	60	60	61	64	68	70	71	72 HB 11:00 RE 11:20
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												T
Cloudiness and other conditions	?				Cloudy							
Sunrise: Time, Character,	5:02 Cloudy											
Moonrise:	4:32 p											
Sunshine (in tenths of hours)						4	0	0	0.3	0	0	0
Wind direction	E	E	E	NE	NE	E	E	E	E	E	E	E
Wind movement	2	2	[illegible]	[illegible]	3	4	1	3	4	2	4	3
Maximum velocities (exceeding 29 miles) direction and time												

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	72	72	73	73	72	71	70	67	66	64	63	63
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions					Cloudy							→
Sunset: Time, Character,									6:24 Cloudy			
Moonset:									2:15 a			
Sunshine (in tenths of hours)	0	0.2	0	0.4	0	0	0					
Wind direction	N	N	N	N	NE	NE	NE	NE	NE	NE	NE	NE
Wind movement	4	5	6	5	4	4	3	4	6	3	3	2
Maximum velocities (exceeding 29 miles) direction and time												

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
73	59	66	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow, sleet, and hail on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., T ins.

Total precipitation, midnight to midnight, T inches.

Character of day, Cloudy Moon phase,

Average daily cloudiness (0-10), 10

Actual sunshine, hours, 0.7 Possible sunshine, hours, 13.4

Per cent of possible sunshine, 7

Prevailing wind direction, NE & E Total wind 88

Average hourly velocity, 3.4 Extreme velocity, 8

Maximum velocity, 8 Direction, NE

Time began, 8:15 pm

Reduced barometer, 30.24 7 a. m. 30.16 7 p. m.

River gage, 2.9 [illegible]

Relative humidity, 76 7 a. m. 79 7 p. m.

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

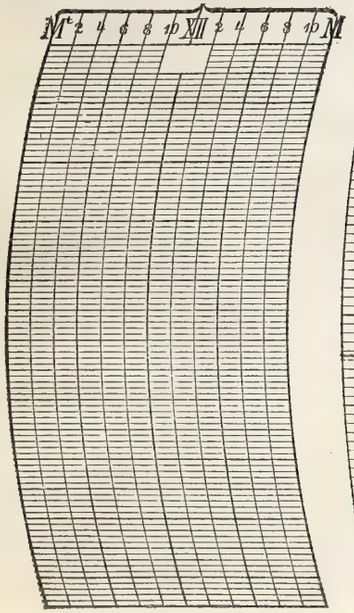
Dry temperature, 71.0 Wet temperature, 60.0

Dew-point, 53 R. humidity, 53 V. pressure, .402

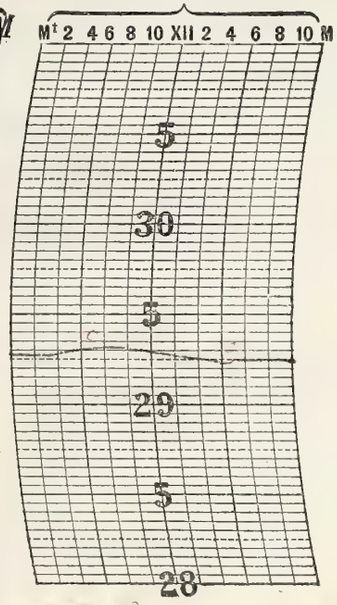
Clouds: Amount, 10; Kind, St; Direction, NW

Velocity of clouds (miles per hour)

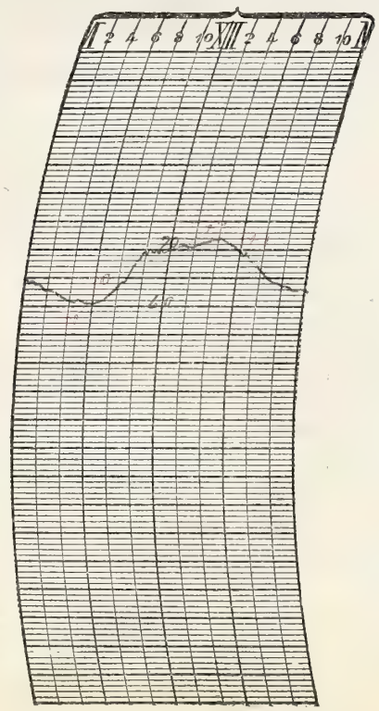
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

A cloudy day with moderate temperatures.

Prepared by [illegible]

Verified by P. McDonough

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Friday, (Date) AUG 2 1929, 192

Time (local standard). 90th mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	63	62	61	61	61	63	64	66	68	69	71	74
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions	← Cloudy											
Sunrise: Time, 5:03 Character, Cloudy												
Moonrise: 5:06 a												
Sunshine (in tenths of hours)						0	0	0.2	0	0.2	0.6	0.3
Wind direction	NE	NE	NE	N	E	NE	E	E	NE	E	E	SE
Wind movement	4	3	3	4	8	8	7	6	5	4	4	5
Maximum velocities (exceeding 22 miles) direction and time												

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	75	75	74	72	71	70	69	67	65	64	63	60
State of weather: Nature of precipitation and time of beginning and ending					RB 4:00 RE 4:30							
Amounts of precipitation					.04							
Cloudiness and other conditions	Cloudy					Cloudy			Cloudy			
Sunset: Time, 6:22 Character, Cloudy												
Moonset: 3:43 a												
Sunshine (in tenths of hours)	1.0	1.0	1.0	0.4	0	0	0					
Wind direction	SE	SE	E	E	NE	NE	NE	E	E	E	E	E
Wind movement	3	3	6	6	6	3	5	6	6	4	4	5

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
76	60	68	

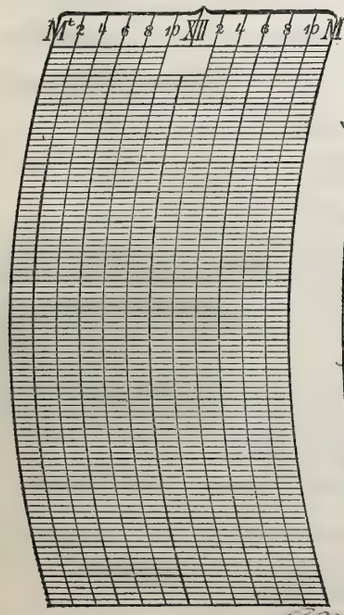
Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., .04 ins.
Total precipitation, midnight to midnight, .04 inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0-10), 8
Actual sunshine, hours, 4.2 Possible sunshine, hours, 13.3
Per cent of possible sunshine, 31.7
Prevailing wind direction, E Total wind 120
Average hourly velocity, 5.0 Extreme velocity, 10
Maximum velocity, 10 Direction, NE
Time began, 5:14 am
Reduced barometer, 30.14 7 a. m. 30.03 7, p. m.
River gage, 2.2 ft
Relative humidity, 70 7 a. m. 83 7 p. m.

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

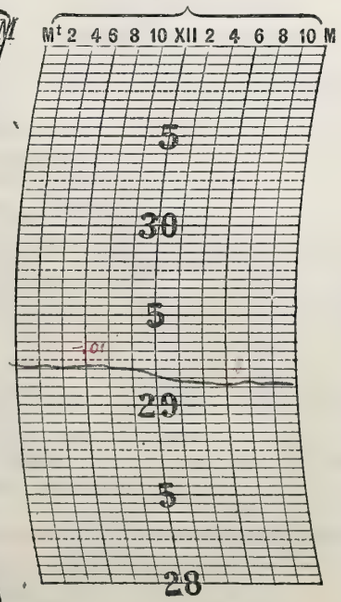
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 71.0 Wet temperature, 68.0
Dew-point, 57 R. humidity, 60 V. pressure, .465
Clouds: Amount, 9; Kind, St Cu; Direction, N
Velocity of clouds (miles per hour)

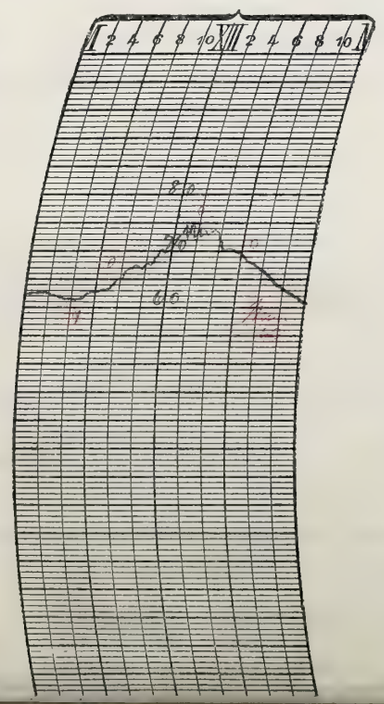
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

Prepared by [illegible]
Verified by P. McDonough

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Saturday, (Date) AUG 28 1920, 192

Time (local standard). 90th mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	60	59	58	57	57	59	59	62	65	72	74	75
State of weather. Nature of precipitation and time of beginning and ending			RB DNR RE DNR									
Amounts of precipitation			T									
Cloudiness and other conditions	7			Foggy				x Clear		x		Pt. Cloudy
Sunrise: Time, Character,	5:04 Foggy											
Moonrise:	5:37p											
Sunshine (in tenths of hours)						0	0	0	0.4	1.0	1.0	0.6
Wind direction	NE	E	E	E	E	E	E	E	E	E	E	E
Wind movement	3	4	3	4	4	2	2	2	4	4	4	5
Maximum velocities (exceeding 29 miles) direction and time												

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	77	77	74	72	74	72	72	70	68	66	66	64
State of weather. Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions	x Cldy		x Cldy		x Pt Cldy		Clear					7
Sunset: Time, Character,									6:21 Clear			
Moonset:									4:11a			
Sunshine (in tenths of hours)	0.6	0.8	0.5	0	0.5	0	0					
Wind direction	E	SE	E	E	NE	E	E	SE	SE	SE	SE	SE
Wind movement	4	7	8	4	5	4	4	4	3	3	3	2
Maximum velocities (exceeding 29 miles) direction and time												

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

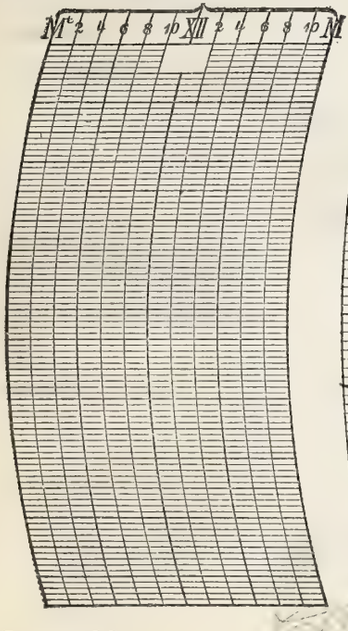
Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
78	57	68	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., T ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, T inches.
Character of day, Pt Cloudy Moon phase,
Average daily cloudiness (0-10), 4
Actual sunshine, hours, 7.0 Possible sunshine, hours, 13.3
Per cent of possible sunshine, 53
Prevailing wind direction, E Total wind 99
Average hourly velocity, 3.8 Extreme velocity, 11
Maximum velocity, 11 Direction, E
Time began, 2:37 pm
Reduced barometer, 30.01 7 a. m. 27.98 7 p. m.
River gage, 2.2 Feet
Relative humidity, 100 7 a. m. 88 7 p. m.

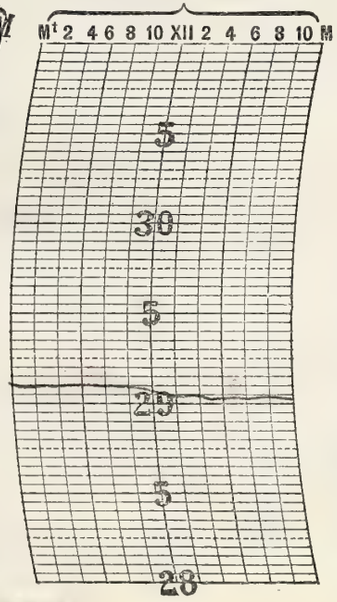
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 75.0 Wet temperature, 66.5
Dew-point, 62 R. humidity, 64 V. pressure, .553
Clouds: Amount, 5; Kind, St Cu; Direction, W
Velocity of clouds (miles per hour)

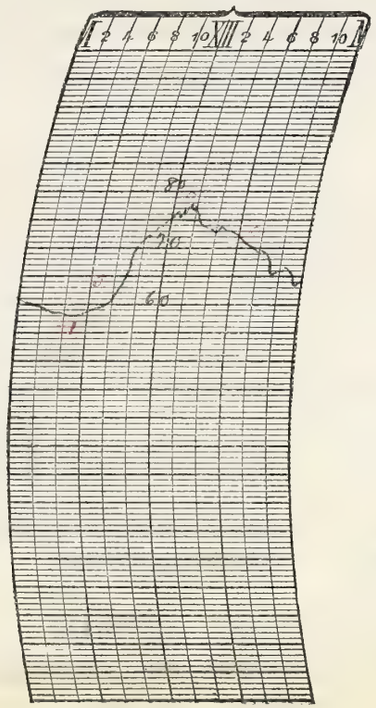
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

Dense fog began 10 M.N.
" " Ended 7:12 am.
Light fog began 7:12 am.
" " Ended 9:23 am.

Prepared by
Verified by P. McDonough

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Sunday, (Date) AUG 22 1920, 192

Time (local standard). 90° mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	65	64	64	61	60	60	62	66	69	70	69	70
Nature of precipitation and time of beginning and ending						RB 5:03 RE 5:20		RB 7:05	RE 8:10	RB 9:50		
Amounts of precipitation						T		T	T	T	.13	.20
Cloudiness and other conditions	8					Cloudy						
Sunshine (in tenths of hours)						0	0	0	0.2	0	0	0
Wind direction	S	S	S	S	E	E	SE	SE	SE	SE	S	S
Wind movement	4	3	2	2	4	4	4	3	8	8	8	7

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	74	77	81	80	79	78	76	75	74	74	73	70
Nature of precipitation and time of beginning and ending	RE 12:42											
Amounts of precipitation	.01											
Cloudiness and other conditions			* Pt Cldy			Clear						2
Sunshine (in tenths of hours)	0.4	0.9	1.0	1.0	1.0	0.5	0					
Wind direction	S	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW
Wind movement	12	16	16	15	15	12	10	11	11	10	11	11

Sunrise: Time, 5:04 Character, Cloudy

Moonrise: 6:08p

Sunset: Time, 6:19 Character, Clear

Moonset: 5:12a

Maximum velocities (exceeding 29 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
81	59	70	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow, sleet, and hail on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., T ins.; to 7 p. m., .34 ins.

Total precipitation, midnight to midnight, .34 inches.

Character of day, Pt. Cloudy Moon phase, Full-waning

Average daily cloudiness (0-10), 7

Actual sunshine, hours, 5.8 Possible sunshine, hours, 13.2

Per cent of possible sunshine, 44

Prevailing wind direction, SW Total wind 204

Average hourly velocity, 8.6 Extreme velocity, 20

Maximum velocity, 18 Direction, SW

Time began, 3:23 pm

Reduced barometer, 29.90 7 a. m. 29.837 p. m.

River gage, 2.18 feet

Relative humidity, 94 7 a. m. 74 7 p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

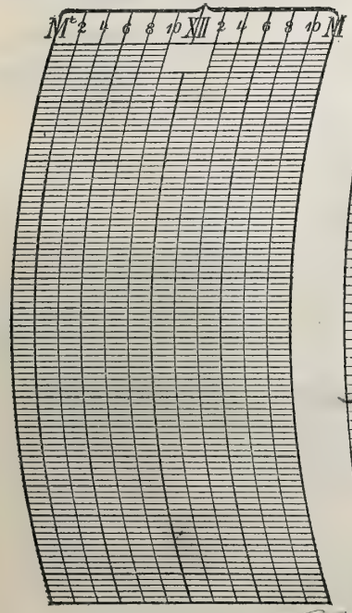
Dry temperature, 70.0 Wet temperature, 69.0

Dew-point, 69 R. humidity, 95 V. pressure, .707

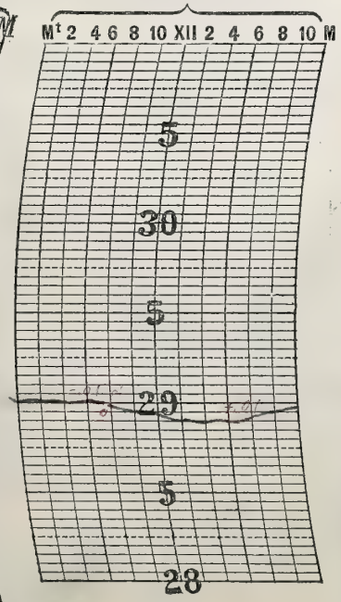
Clouds: Amount, 10; Kind, Nb; Direction, S

Velocity of clouds (miles per hour)

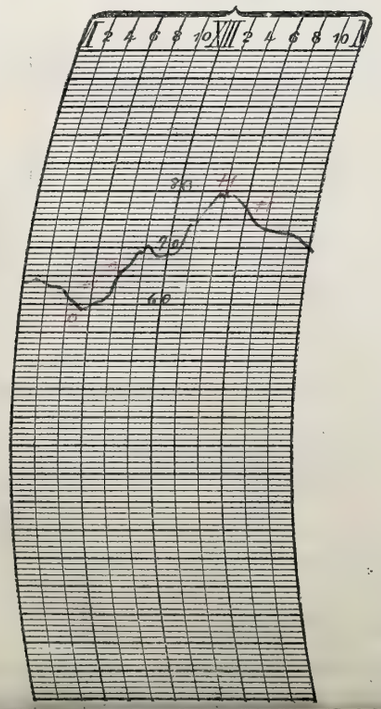
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

A partly cloudy day with moderate temperatures and winds

Prepared by Chas.

Verified by R. McDonough

8—486

Form No. 1014—Met'l.

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Monday, (Date) AUG 30 1920, 192

Time (local standard). 90th mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	69	68	67	65	63	63	67	72	74	74	75	75
Nature of precipitation and time of beginning and ending										RB 9:48 RE 9:55		
Amounts of precipitation										T		
Cloudiness and other conditions	9			PtCloudy					×			Cloudy
Sunshine (in tenths of hours)						0	0.9	0.9	1.0	0	0.1	0
Wind direction	SW	SW	SW	W	W	W	SW	SW	S	SW	SW	S
Wind movement	9	6	6	6	4	5	3	5	7	6	7	8

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	76	78	80	79	79	77	74	72	71	70	70	68
Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions	Cloudy		×	PtCldy			Clear					
Sunshine (in tenths of hours)	0.2	0.7	1.0	1.0	1.0	0.4 0.6	0					
Wind direction	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW
Wind movement	8	7	10	12	13	10	7	6	9	11	11	12

Sunrise: Time, 5:05 Character, Cloudy
Moonrise: 6:38p.

Sunset: Time, 6:10 Character, Clear
Moonset: 6:14a

Maximum velocities (exceeding 25 miles) direction and time.

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

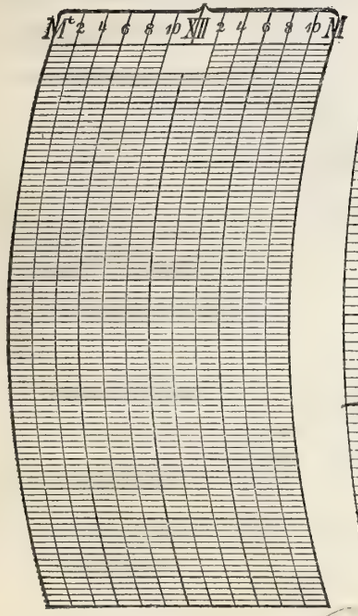
Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
80	63	72	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., T ins.
Total precipitation, midnight to midnight, T inches.
Character of day, Pt Cloudy. Moon phase,
Average daily cloudiness (0-10), 6
Actual sunshine, hours, 8.1 Possible sunshine, hours, 13.2
Per cent of possible sunshine, 61
Prevailing wind direction, SW Total wind 188
Average hourly velocity, 7.8 Extreme velocity, 18
Maximum velocity, 17 Direction, SW
Time began, 4:10 pm.
Reduced barometer, 29.99 7 a. m. 29.89 7 p. m.
River gage, 2.1 feet
Relative humidity, 82 7 a. m. 63 7 p. m.

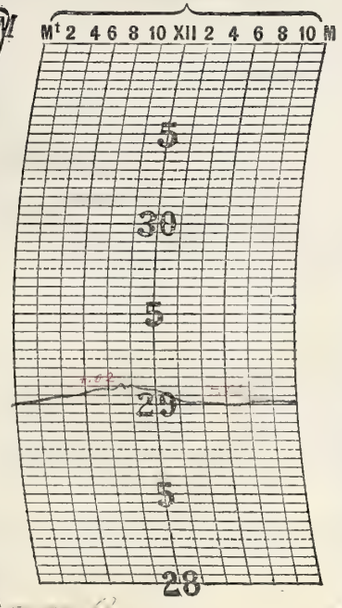
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 75.0 Wet temperature, 62.0
Dew-point, 54 R. humidity, 48 V. pressure, 417
Clouds: Amount, 10; Kind, A.St.; Direction, SW
Velocity of clouds (miles per hour)

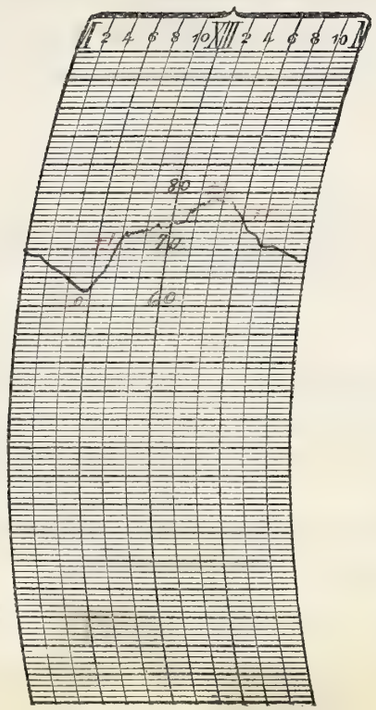
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

Very heavy dew observed this morning. A solar halo of 22° radius appeared at 6:40 am with bright and left parhelia. The halo was faint and the colors were indistinct, but the parhelia were bright with the colors red, orange, yellow, green and blue visible. The halo consisted of detached arcs which made a total of about 120°. The parhelia disappeared at 7:10 am, and the halo at 7:30 am. The clouds during the visibility of the phenomena consisted of six-tenths Cirro-Stratus from the northwest.

Prepared by E. C. S.
Verified by C. M. Strong

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Tuesday, (Date) AUG 31 1920, 192

Time (local standard). 90° mer. normal time.

	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	67	69	69	68	67	67	69	72	74	75	76	76
Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions					Clear				Pt. Cloudy			
Sunshine (in tenths of hours)						.88	0.6					
						0	0.4	1.0	1.0	1.0	1.0	1.0
Wind direction	SW	SW	W	W	W	W	W	NW	NW	NW	NW	NW
Wind movement	11	10	11	8	8	8	8	8	10	12	13	13

	P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	76	77	76	74	73	70	68	66	64	62	61	60
Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions			Cloudy			Pt. Cloudy			Clear			?
Sunshine (in tenths of hours)						0.3						
	1.0	1.0	0.9	1.0	1.0	0.3	0					
Wind direction	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW
Wind movement	13	13	16	17	17	14	7	7	6	6	5	5

State of weather.

Sunrise: Time, 5:07 Character, Clear

Moonrise: 7:09p.

Sunset: Time, 6:16 Character, Cloudy

Moonset: 7:16a

Maximum velocities (exceeding 29 miles) direction and time.

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

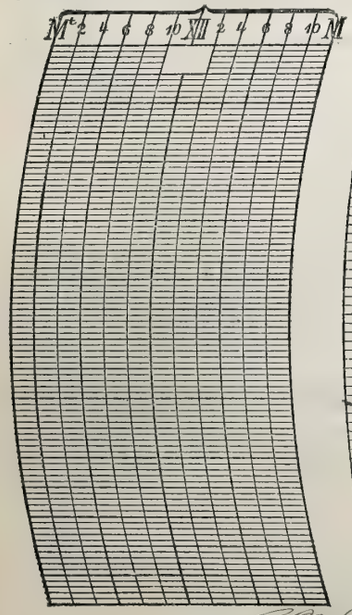
Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
78	60	69	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Pt. Cloudy Moon phase,
Average daily cloudiness (0–10), 6
Actual sunshine, hours, 12.4 Possible sunshine, hours, 13.2
Per cent of possible sunshine, 94
Prevailing wind direction, NW. Total wind 243
Average hourly velocity, 10.1 Extreme velocity, 21
Maximum velocity, 12 Direction, NW
Time began, 2:38 pm.
Reduced barometer, 29.94 7 a. m. 30.00 7 p. m.
River gage, 21 Feet
Relative humidity, 86 7 a. m. 61 7 p. m.

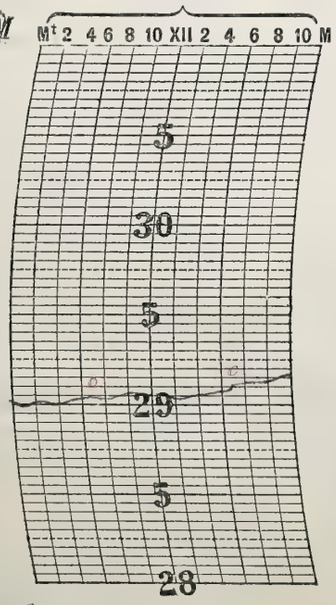
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 75.8 Wet temperature, 63.8
Dew-point, 57 R. humidity, 52 V. pressure, .465
Clouds: Amount, 8; Kind, Cu St; Direction, NW
Velocity of clouds (miles per hour)

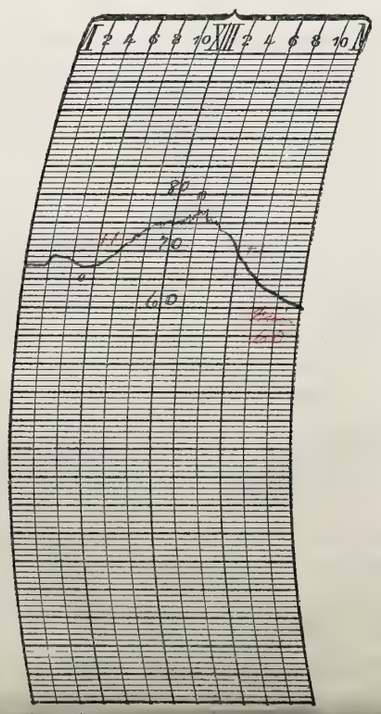
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

Prepared by

Verified by P. McDonough

8—486

Form No. 1014—Met'l.

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne Ind, (Day of week) Wednesday, (Date) SEP - 1 1920, 192

Time (local standard). 90° mer. normal time.

	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	59	58	56	55	54	56	59	60	64	68	69	71
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions	?					Pt. Cloudy						
Sunshine (in tenths of hours)						0	0.1	0.7	1.0	1.0	1.0	1.0
Wind direction	N	NW	N	N	N	N	N	N	NE	NE	NE	N
Wind movement	5	5	5	5	4	5	5	6	4	5	5	5

	P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	73	74	73	74	73	70	68	65	64	60	58	57
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions			Pt. Cloudy					Clear				?
Sunshine (in tenths of hours)	1.0	1.0	1.0	1.0	1.0	0	0					
Wind direction	N	N	N	NW	N	N	NE	N	NE	N	N	N
Wind movement	6	6	6	6	7	5	4	4	4	4	3	6

Sunrise: Time, 5:08 Character, Cloudy
Moonrise: 7:42 p
Sunset: Time, 6:14 Character, Cloudy
Moonset: 8:21 a

Maximum temperature. 74 | Minimum temperature. 54 | Mean temperature. 64 | Normal temperature.

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Pt. Cloudy Moon phase,
Average daily cloudiness (0–10), 6
Actual sunshine, hours, 9.8 Possible sunshine, hours, 13.1
Per cent of possible sunshine, 75
Prevailing wind direction, N. Total wind 180
Average hourly velocity, 5.0 Extreme velocity, 9
Maximum velocity, 9 Direction, NW
Time began, 3:03 pm
Reduced barometer, 30.14 7 a. m. 30.11 7, p. m.
River gage, 2.1 Feet
Relative humidity, 82 7 a. m. 47 7 p. m.

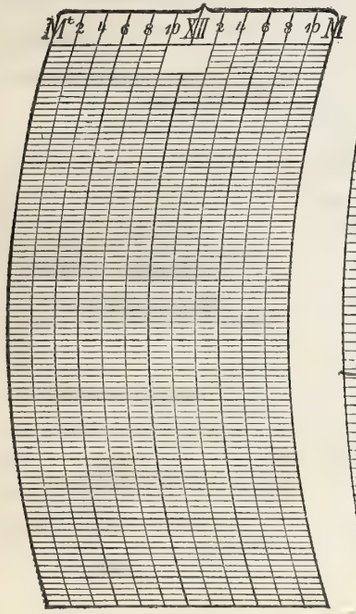
	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																				

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

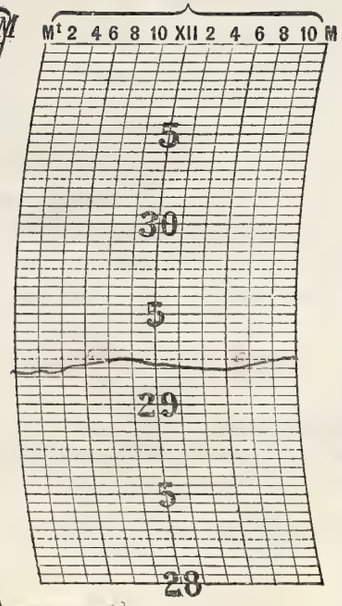
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 70.6 Wet temperature, 57.1
Dew-point, 47 R. humidity, 43 V. pressure, .322
Clouds: Amount, 5 ; Kind, Cu Cst ; Direction, W
Velocity of clouds (miles per hour)

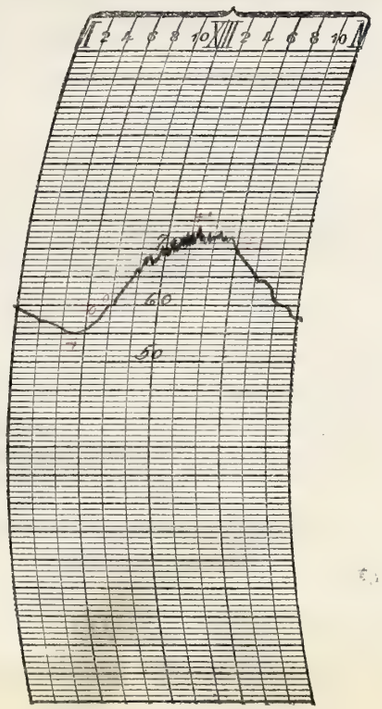
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

A hastily cloudy and cool day which was very exhilarating

Prepared by [illegible]
Verified by C. M. McDonough

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Thursday, (Date) ....., 192

Time (local standard). 90th mer. normal time.

	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	56	55	52	51	50	50	52	56	60	64	65	67
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions	2				P/Cloudy			×		Clear		
Sunrise: Time, Character,	5:09 Cloudy											
Moonrise:	8:18 a											
Sunshine (in tenths of hours)						0	0	0.9	1.0	1.0	1.0	1.0
Wind direction	NE	E	NE	NE	NE	NE	NE	E	E	E	E	NE
Wind movement	8	8	8	7	8	7	5	8	11	7	7	9
Maximum velocities (exceeding 29 miles) direction and time												

	P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	67	69	68	67	67	65	62	59	58	55	54	53
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions						Clear						?
Sunset: Time, Character,									6:12 Clear			
Moonset:									9:26 a			
Sunshine (in tenths of hours)	1.0	1.0	1.0	1.0	1.0	0.7 / 0.3	.20 / 0					
Wind direction	NE	E	NE	E	NE	NE	NE	E	E	E	E	E
Wind movement	9	9	10	10	9	8	6	7	6	5	4	4

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
69	50	60	

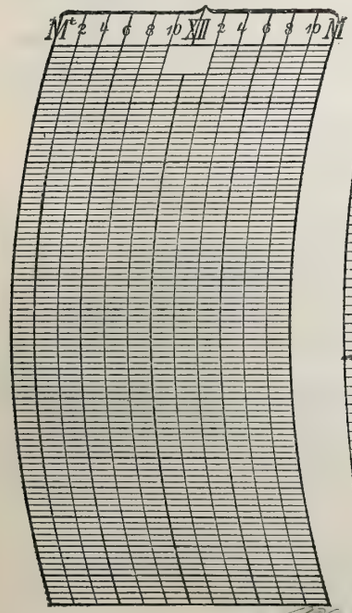
Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Clear Moon phase, ...
Average daily cloudiness (0-10), 2
Actual sunshine, hours, 11.1 Possible sunshine, hours, 13.0
Per cent of possible sunshine, 8.5
Prevailing wind direction, NE and E. Total wind 186
Average hourly velocity, 7.5 Extreme velocity, 12
Maximum velocity, 18 Direction, E
Time began, 8:42 a.m.
Reduced barometer, 30.27 a. m. 30.27, p. m.
River gage, 20 Feet
Relative humidity, 77 a. m. 51 p. m.

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

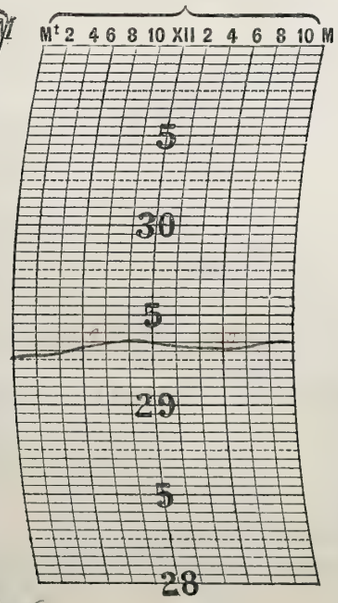
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 66.1 Wet temperature, 55.0
Dew-point, 46 R. humidity, 49 V. pressure, .310
Clouds: Amount, 3; Kind, Cu; Direction, NE
Velocity of clouds (miles per hour) .....

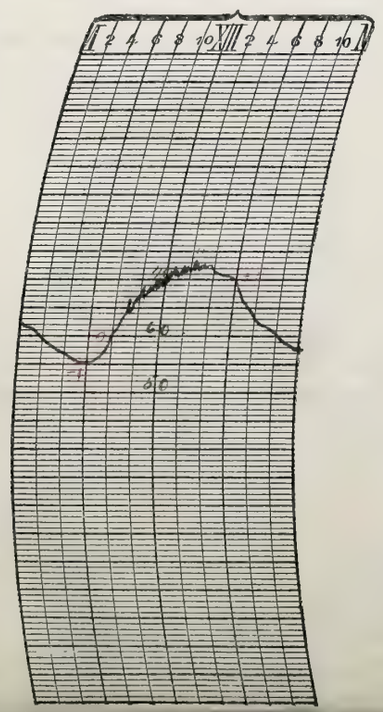
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

A clear, cool and exhilarating day.

Prepared by .....
Verified by P. M. O'Donnell

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne Ind, (Day of week) Friday, (Date) SEP - 3 1920, 192

Time (local standard). 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	52	50	49	48	48	48	51	57	61	63	65	66	67	68	68	68	67	68	65	62	61	58	57	55
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions	Pt. Cloudy									Clear			Clear											
Sunrise: Time, 5:10 Character, Cloudy																					Sunset: Time, 6:11 Character, Cloudy			
Moonrise: 9:00p																					Moonset: 10:32a			
Sunshine (in tenths of hours)						0	0	0.9	1.0	1.0	1.0	1.0	1.0	0.9	1.0	1.0	0.4	0	0					
Wind direction	E	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	E	E	E	NE	E	NE	NE	NE	E	E	E	E
Wind movement	1	4	8	5	5	5	6	7	7	9	7	7	6	6	7	7	7	5	5	6	6	6	6	6
Maximum velocities (exceeding 29 miles) direction and time																								

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

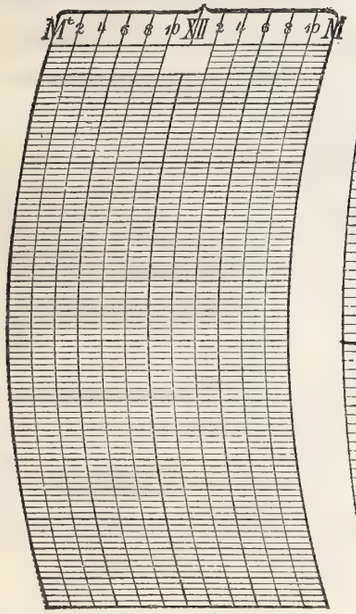
Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
70	48	59	✓

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Clear Moon phase,
Average daily cloudiness (0-10), 2
Actual sunshine, hours, 9.2 Possible sunshine, hours, 13.0
Per cent of possible sunshine, 71
Prevailing wind direction, NE Total wind 144
Average hourly velocity, 6.0 Extreme velocity, 12
Maximum velocity, 12 Direction, NE
Time began, 9:02 am.
Reduced barometer, 30.32 7 a. m. 30.15 7 p. m.
River gage, 2.0 Feet
Relative humidity, 83 7 a. m. 53 7 p. m.

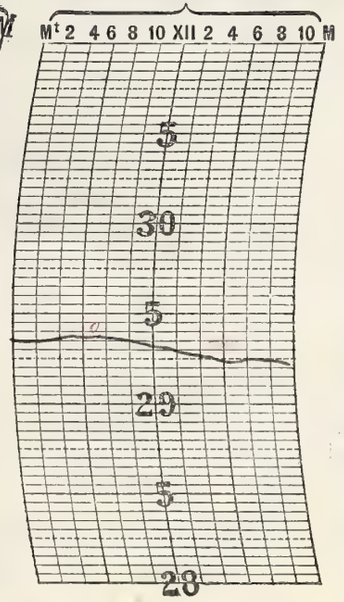
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 66.0 Wet temperature, 52.0
Dew-point, 39 R. humidity, 37 V. pressure, 237
Clouds: Amount, 2; Kind, Cu St; Direction, W
Velocity of clouds (miles per hour)

THERMOGRAPH.



BAROGRAPH.



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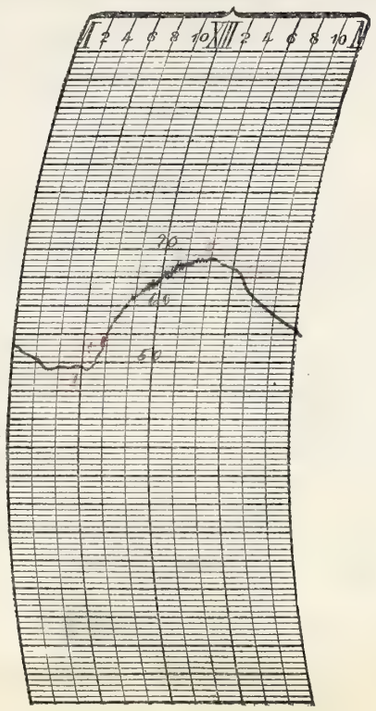


NOTES.

A clear and very pleasant day with moderate temperature.

Prepared by C.E.S.

Verified by

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Saturday, (Date) SEP - 4 1920, 192

Time (local standard). 90 mer. normal time.

	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	54	53	51	51	50	55	54	60	65	67	70	73
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions	← Clear →							← Pt. Cloudy →				
Sunrise: Time, Character,	5:11 Clear											
Moonrise:	9:47p.											
Sunshine (in tenths of hours)						.82 0	0.8 0.2	1.0	1.0	0.9	0.9	1.0
Wind direction	E	NE	NE	NE	NE	NE	NE	NE	E	E	NE	E
Wind movement	4	5	7	7	7	6	7	8	10	10	10	9
Maximum velocities (exceeding 29 miles) direction and time												

	P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	74	74	75	74	72	70	68	65	62	61	60	59
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions	← L — Cloudy →				← Pt. Cloudy →							
Sunset: Time, Character,									6:09 Cloudy			
Moonset:									11:47a.			
Sunshine (in tenths of hours)	1.0	0.8	1.0	0.6	0	0	0					
Wind direction	E	E	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE
Wind movement	9	9	9	8	7	9	8	7	8	8	7	7
Maximum velocities (exceeding 29 miles) direction and time												

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

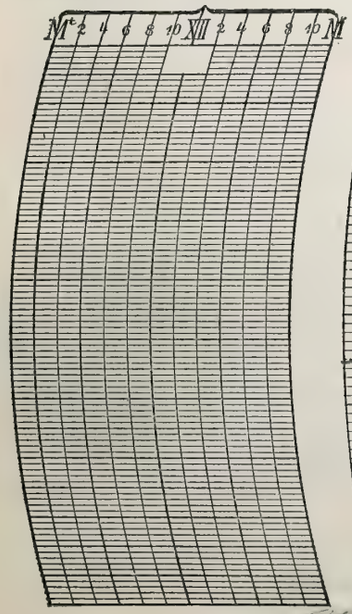
Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
75	50	62	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Pt. Cloudy Moon phase,
Average daily cloudiness (0-10), 6
Actual sunshine, hours, 10.0 Possible sunshine, hours, 13.5
Per cent of possible sunshine, 74
Prevailing wind direction, NE Total wind 186
Average hourly velocity, 7.8 Extreme velocity, 15
Maximum velocity, 13 Direction, E
Time began, 9:31 am.
Reduced barometer, 30.14 7 a. m. 30.02 7 p. m.
River gage, 2.0 Feet.
Relative humidity, 88 7 a. m. 65 7 p. m.

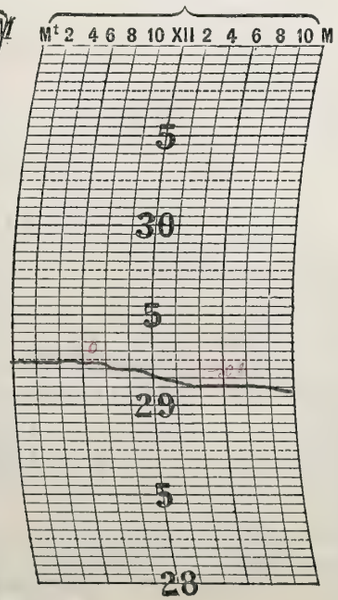
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 72.8 Wet temperature, 59.0
Dew-point, 49 R. humidity, 44 V. pressure, .347
Clouds: Amount, 7; Kind, Cu St.; Direction, N.
Velocity of clouds (miles per hour)

THERMOGRAPH.



BAROGRAPH.



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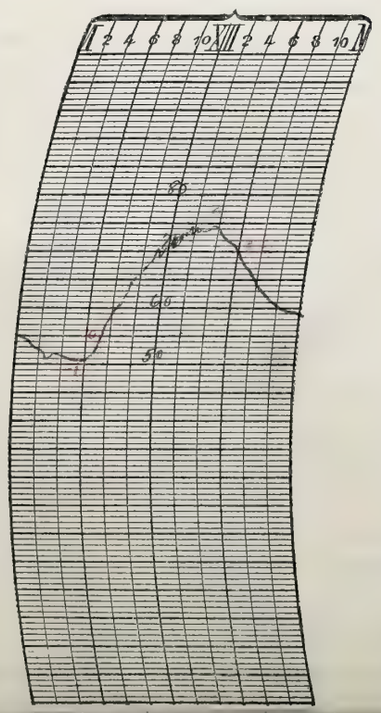


NOTES.

Increasing cloudiness from the dew. Observation with day generally partly cloudy. Moderate temperature prevailed, although the early morning was quite cool.

Heavy deposit of dew in the early morning.

Prepared by

Verified by

8—486

Form No. 1014—Met'l.

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne Ind., (Day of week) Sunday, (Date) SEP - 5 1920, 192

Time (local standard) 90 mer. normal time

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	59	59	59	59	60	60	65	61	63	67	70	72
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions			Cloudy									
Sunshine (in tenths of hours)						0	0	0	0	02	09	05
Wind direction	NE	NE	NE	NE	NE	E	NE	NE	E	E	SE	E
Wind movement	6	6	6	6	7	6	3	4	6	5	6	5

Sunrise: Time, 5:11 Character, Cloudy

Moonrise: 10:41 p

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	72	65	70	67	66	66	65	65	64	62	61	60
State of weather: Nature of precipitation and time of beginning and ending									FB 815 RE 845			
Amounts of precipitation									T			
Cloudiness and other conditions			Cloudy									
Sunshine (in tenths of hours)	06	01	04	03	0	0	0					
Wind direction	E	N	N	N	NE	NE	E	SE	SE	N	NE	NE
Wind movement	6	8	9	10	8	6	5	4	4	7	6	4

Sunset: Time, 608 Character, Cloudy

Moonset: 12:39 p

Maximum velocities (exceeding 29 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
72	59	66	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow, sleet, and hail on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, T inches.

Character of day, Cloudy Moon phase, L.Q. 1:00 p.

Average daily cloudiness (0-10), 0

Actual sunshine, hours, 3.0 Possible sunshine, hours, 13.0

Per cent of possible sunshine, 23

Prevailing wind direction, NE Total wind 143

Average hourly velocity, 6.0 Extreme velocity, 12

Maximum velocity, 17 Direction, N

Time began, 1:24 Run

Reduced barometer, 29.96 7 a. m. 29.88 7 p. m.

River gage, 21 feet

Relative humidity, 77 7 a. m. 71 7 p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

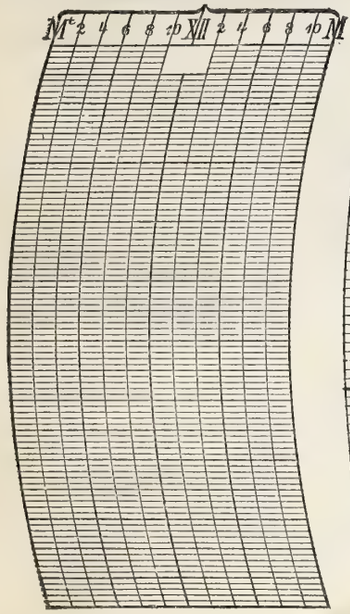
Dry temperature, 71.0 Wet temperature, 63.0

Dew-point, 58 R. humidity, 64 V. pressure, 482

Clouds: Amount, 8; Kind, Cu.; Direction, E

Velocity of clouds (miles per hour)

THERMOGRAPH.



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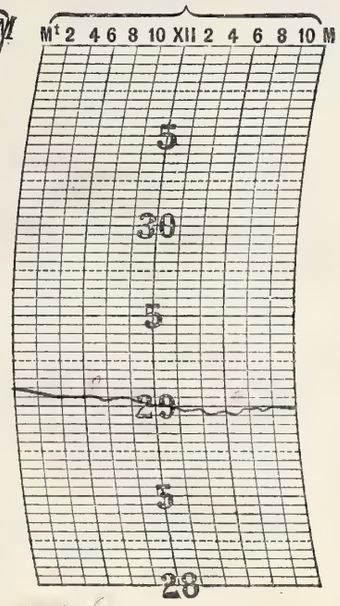

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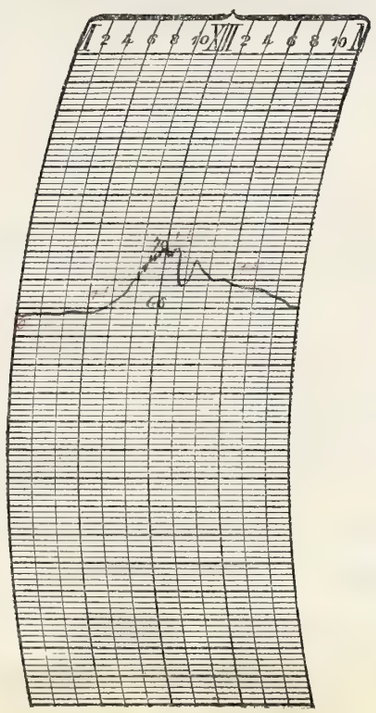


NOTES.

Generally cloudy and threatening with light shower at night. Moderate temperature.

Prepared by

Verified by

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Monday, (Date) SEP 13 1920, 192

Time (local standard) 90 mer. normal time.

	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	60	59	57	56	56	57	58	58	62	65	68	64
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions		7	Foggy					Cldy	Cldy			
Sunshine (in tenths of hours)						0	0	0	0.6	1.0	0.9	0.9
Wind direction	E	SE	S	S	S	W	W	W	NW	NW	SW	SW
Wind movement	3	2	2	2	4	4	2	5	6	5	6	11

Sunrise: Time, 5:12; Character, Foggy. Moonrise: 11:44p.

	P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	66	66	65	66	67	64	65	62	60	59	59	58
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions	Cloudy			Pt Cloudy				Clear				
Sunshine (in tenths of hours)	0.1	0.4	0	0.8	0.4	0	0					
Wind direction	W	W	W	NW	NW	NW	NW	NW	NW	NW	NW	NW
Wind movement	10	10	9	9	9	4	2	4	4	3	3	3

Sunset: Time, 6:06; Character, Cloudy. Moonset: 1:55p.

Maximum velocities (exceeding 29 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

Excessive precipitation, accumulated amounts

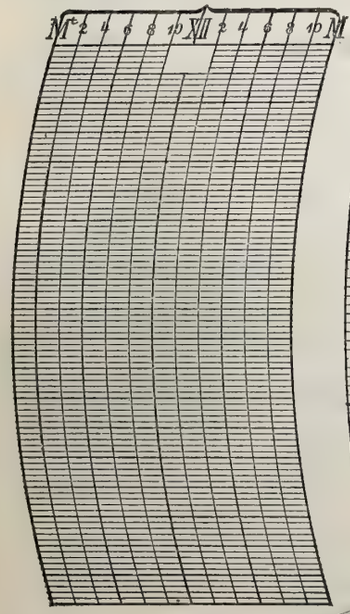
Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
68	56	62	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., T ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Pt. Cloudy Moon phase,
Average daily cloudiness (0-10), 7
Actual sunshine, hours, 5.1 Possible sunshine, hours, 12.9
Per cent of possible sunshine, 40
Prevailing wind direction, NW Total wind
Average hourly velocity, Extreme velocity,
Maximum velocity, 12 Direction, W
Time began, 12:21 pm
Reduced barometer, 29.95 7 a. m. 30.00 7 p. m.
River gage, 2.1 feet
Relative humidity, 96 7 a. m. 70 7 p. m.

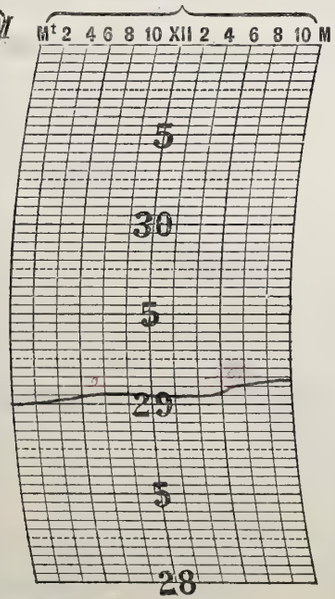
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 67.3 Wet temperature, 57.3
Dew-point, 54 R. humidity, 62 V. pressure, 11.7
Clouds: Amount, 8; Kind, Cu.; Direction, W.
Velocity of clouds (miles per hour)

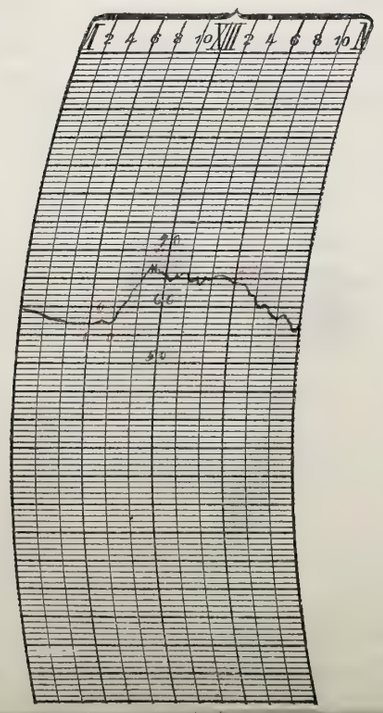
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

Day generally partly cloudy. Night mostly clear. Moderate temperature

Prepared by

Verified by F. M. Dennoyer

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne Ind, (Day of week) Tuesday, (Date) SEP - 7 1920, 192

Time (local standard) 90° mer. normal time.

	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	56	54	53	53	52	52	51	59	64	68	71	74
Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions	Clear											
Sunshine (in tenths of hours)						0	0.1	1.0	1.0	1.0	1.0	1.0
Wind direction	NW	NW	NW	NW	NW	NW	NW	NW	W	W	W	W
Wind movement	4	3	4	4	3	3	2	4	2	4	3	5
Maximum velocities (exceeding ___ miles) direction and time												

	P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	75	76	77	77	76	74	71	68	66	64	62	62
Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions	Clear											
Sunshine (in tenths of hours)	1.0	1.0	1.0	1.0	1.0	0	0					
Wind direction	NW	W	NW	NW	NW	NW	NW	NW	NW	NW	0	SW
Wind movement	4	5	6	5	3	2	3	1	2	1	0	2
Maximum velocities (exceeding ___ miles) direction and time												

Sunrise: Time, 5:13 Character, Clear
Moonrise:
Sunset: Time, 6:04 Character, Cloudy
Moonset: 2:32 P.

Excessive precipitation, accumulated amounts	Total duration From—	Total duration To—	Total amount of precipitation	Excessive rate Began—	Excessive rate Ended—	Amount before excessive began	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

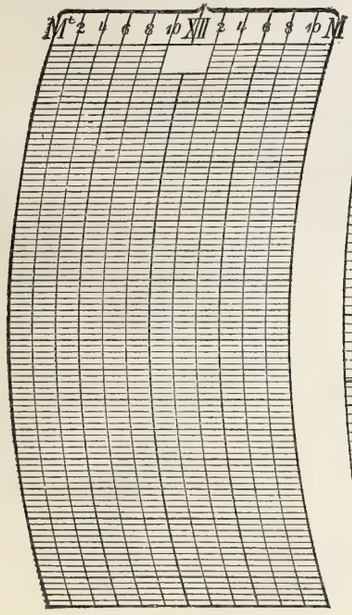
Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
77	51	64	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Clear Moon phase,
Average daily cloudiness (0-10), Fair.
Actual sunshine, hours, 11.8 Possible sunshine, hours, 12.8
Per cent of possible sunshine, 92
Prevailing wind direction, NW Total wind 74
Average hourly velocity, 5.1 Extreme velocity,
Maximum velocity, 8 Direction, NW
Time began, 4:01 pm
Reduced barometer, 30.11 a. m. 30.05, p. m.
River gage, 2.0 Feet
Relative humidity, 87 a. m. 45 p. m.

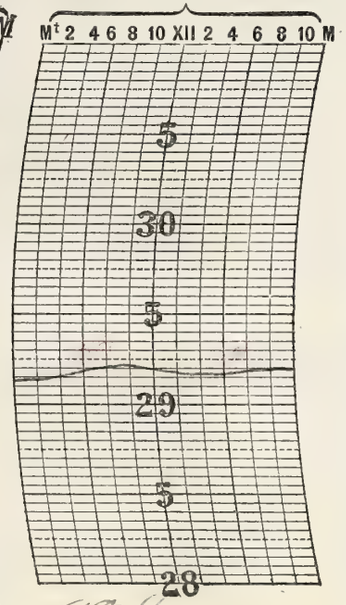
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 73.0 Wet temperature, 57.0
Dew-point, 44 R. humidity, 36 V. pressure, 28.7
Clouds: Amount, Few; Kind, Cu; Direction, SW
Velocity of clouds (miles per hour)

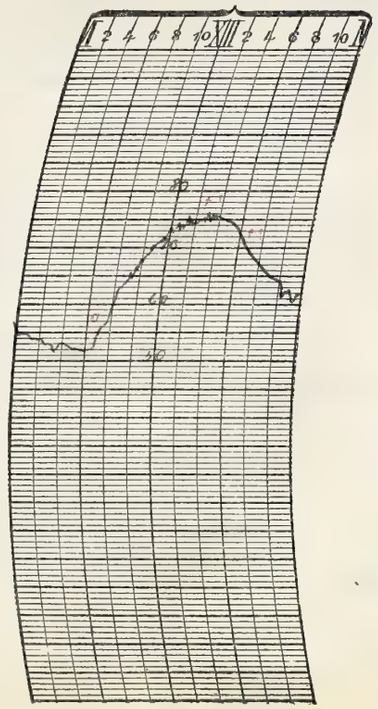
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

Prepared by
Verified by

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Wednesday, (Date) SEP 8 1920, 192

Time (local standard). 90° mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	60	58	57	56	54	53	53	63	70	73	76	77
State of weather. Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions	Clear							x Hzy x		Cloudy		
Sunrise: Time, Character,	5:14 Clear											
Moonrise:	12:42a											
Sunshine (in tenths of hours)						.77 0	1.0 0	.83 0.7	1.0	0.8	1.0	1.0
Wind direction	W	SW	O	SW	SW	NW	NE	NE	NE	SE	SE	SE
Wind movement	5	2	0	1	1	3	4	4	3	4	5	8
Maximum velocities (exceeding 29 miles) direction and time												

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	74	75	76	75	75	72	71	70	70	69	67	65
State of weather. Nature of precipitation and time of beginning and ending							RB 6:55	HE 7:22			RB 10:00	
Amounts of precipitation							T	T			T	.02
Cloudiness and other conditions						Cloudy						
Sunset: Time, Character,									6:03 Cloudy			
Moonset:									3:19p			
Sunshine (in tenths of hours)	0.5	0	0	0.1	0	0	0					
Wind direction	S	SE	S	SE	SE	SE	E	SE	SE	SE	SE	S
Wind movement	9	6	6	6	5	4	4	5	4	4	6	9
Maximum velocities (exceeding 29 miles) direction and time												

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
77	53	65	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow, sleet, and hail on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, .02 inches.

Character of day, Pt Cloudy Moon phase,

Average daily cloudiness (0-10), 7

Actual sunshine, hours, 7.2 Possible sunshine, hours, 12.8

Per cent of possible sunshine, 56

Prevailing wind direction, SE Total wind 16.2

Average hourly velocity, 1.4 Extreme velocity, 12

Maximum velocity, 12 Direction, S

Time began, 11:48am

Reduced barometer, 30.12 7 a. m. 29.99 7 p. m.

River gage, 2.0 Feet

Relative humidity, 86 7 a. m. 64 7 p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

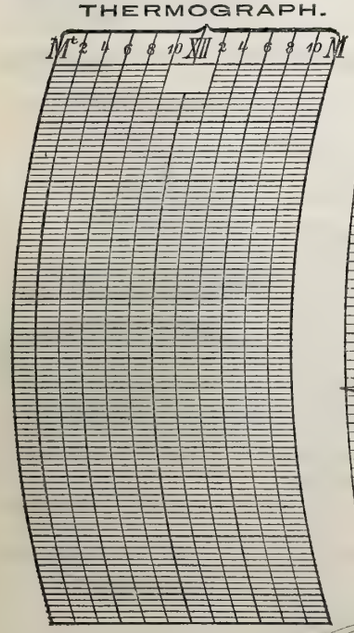
Dry temperature, 76.8 Wet temperature, 62.3

Dew-point, 53 R. humidity, 44 V. pressure, .402

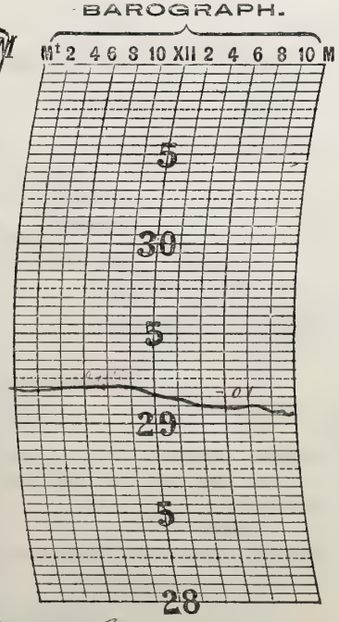
Clouds: Amount, 2 ; Kind, A Cu ; Direction, SE

Velocity of clouds (miles per hour)

THERMOGRAPH.



BAROGRAPH.



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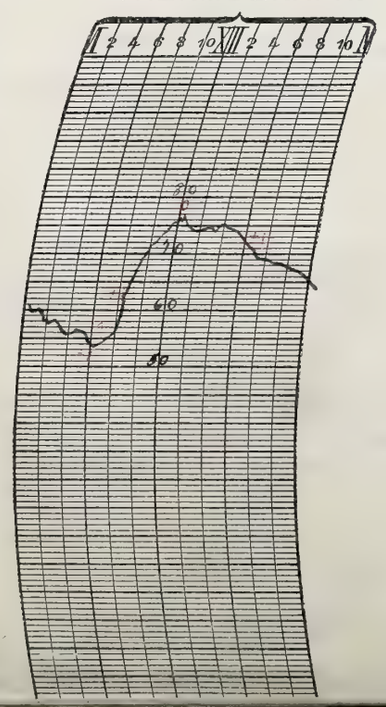


NOTES.

A partly cloudy and rather pleasant day, the sky presenting a threatening appearance in the latter afternoon.

Prepared by

Verified by

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Thursday, (Date) SEP - 9 1920, 192

Time (local standard) 90° mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	64	64	64	63	63	65	64	64	67	69	72	76
Nature of precipitation and time of beginning and ending				RE DN14		RB 5:45	RE 6:20	RB 7:02 RE 9:21		RB 9:48	RE 10:06	
Amounts of precipitation	.03	T	.13	T		.08	T	T		T	T	
Cloudiness and other conditions	Cloudy										Pt. Cloudy	
Sunshine (in tenths of hours)						0	0	0	0	0.5	0.5	1.0
Wind direction	S	SE	SE	SE	SE	SE	SE	SE	S	S	SW	SW
Wind movement	5	6	7	5	6	3	3	4	4	5	10	13

Sunrise: Time, 5:15; Character, Cloudy. Moonrise: 1:57a

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	77	76	77	76	76	74	70	69	70	68	67	63
Nature of precipitation and time of beginning and ending	RB 12:54	RE 1:15	RB 2:58	RE 3:15								
Amounts of precipitation	T	.01	T	T								
Cloudiness and other conditions	Cloudy				Pt. Cloudy							
Sunshine (in tenths of hours)	0.4	0.5	0.5	0.7	0	0	0					
Wind direction	SW	SW	SW	SW	SW	SW	SW	W	W	W	W	W
Wind movement	11	8	15	9	6	8	8	7	12	9	9	7

Sunset: Time, 6:01; Character, Cloudy. Moonset: 4:01P.

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
78	63	70	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., .26 ins.; to 7 p. m., .01 ins.
Total precipitation, midnight to midnight, .25 inches.
Character of day, Cloudy. Moon phase,
Average daily cloudiness (0-10), 8
Actual sunshine, hours, 4.1 Possible sunshine, hours, 12.8
Per cent of possible sunshine, 32
Prevailing wind direction, SW. Total wind 180
Average hourly velocity, 7.5 Extreme velocity, 17
Maximum velocity, 26 Direction, SW
Time began, 1:23 pm
Reduced barometer, 29.03 7a. m. 29.22 7p. m.
River gage, 2.5 Feet.
Relative humidity, 92 7a. m. 77 7p. m.

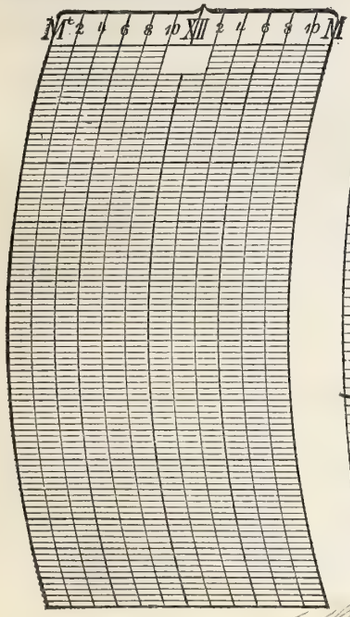
Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

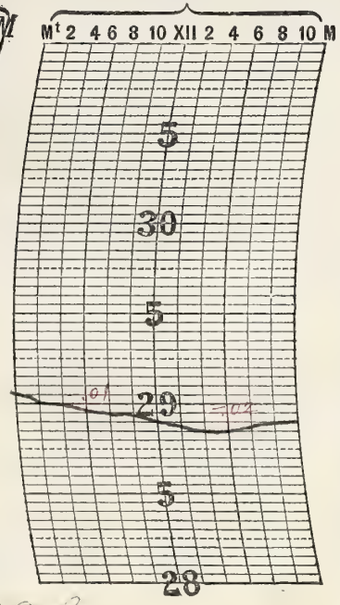
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 76.2 Wet temperature, 67.0
Dew-point, 62 R. humidity, 62 V. pressure, .555
Clouds: Amount, 5; Kind, Stcu; Direction, SW.
Velocity of clouds (miles per hour)

THERMOGRAPH.



BAROGRAPH.



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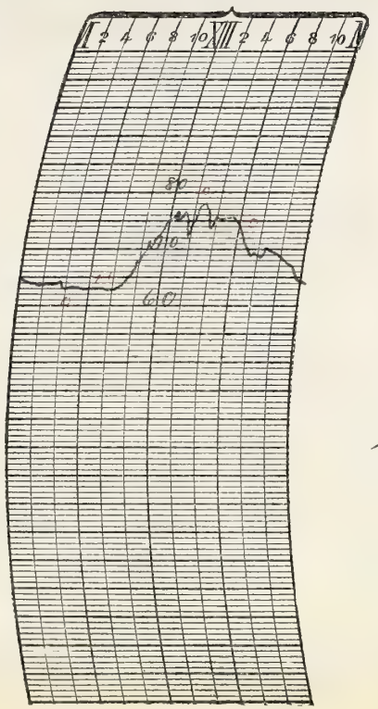


NOTES.

Thunderstorm — First thunder heard at 5:25 am and last heard at 6:26 am. The storm moved from the southwest was of light intensity and accompanied by light precipitation.

Thunderstorm — First thunder heard 6:30 p last thunder heard 7:12 pm. The storm moved from the west was of light intensity and was not accompanied by precipitation.

Prepared by
Verified by

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Friday, (Date) SEP 1 1920, 192

Time (local standard). 75 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	63	63	63	63	64	64	65	65	67	68	70	70
State of weather. Nature of precipitation and time of beginning and ending			RB-E DNA									
Amounts of precipitation			T									
Cloudiness and other conditions	7					Cloudy					Cloudy	

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	70	71	72	74	74	73	71	69	68	65	65	64
Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions						Pt. Cloudy						7

Sunrise: Time, 5:16 Character, Cloudy

Moonrise: 3:07a

Sunset: Time, 5:59 Character, Cloudy

Moonset: 4:39p

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Sunshine (in tenths of hours)						0	0	0	0	0.4	0	0
Wind direction	W	W	W	W	W	W	W	W	NW	NW	NW	W
Wind movement	7	5	6	6	9	6	7	8	9	11	9	10
Maximum velocities (exceeding 29 miles) direction and time												

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Sunshine (in tenths of hours)	0	0.5	0	1.0	0.4	0						
Wind direction	NW	NW	W	W	W	W	0	S	S	S	S	S
Wind movement	9	8	10	3	6	3	0	1	3	5	6	6
Maximum velocities (exceeding 29 miles) direction and time												

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
75	63	69	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow, sleet, and hail on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., T ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, T inches.

Character of day, Cloudy Moon phase,

Average daily cloudiness (0-10), 8

Actual sunshine, hours, 2.3 Possible sunshine, hours, 12.7

Per cent of possible sunshine, 18

Prevailing wind direction, W Total wind 155

Average hourly velocity, 6.6 Extreme velocity,

Maximum velocity, 12 Direction, NW

Time began, 9:44am

Reduced barometer, 29.89 7 a. m. 29.90 7 p. m.

River gage, 2.6 feet

Relative humidity, 91 7 a. m. 90 7 p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

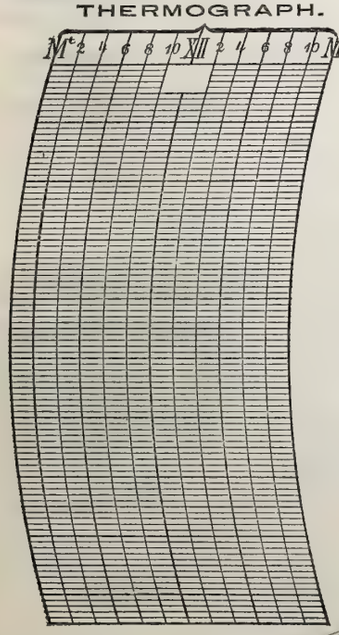
Dry temperature, 71.2 Wet temperature, 64.2

Dew-point, 60 R. humidity, 69 V. pressure, .512

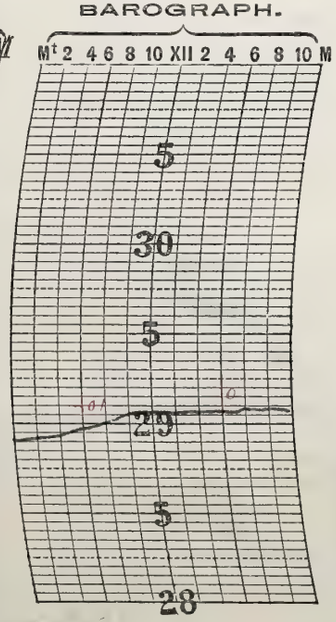
Clouds: Amount, 10; Kind, St; Direction, W

Velocity of clouds (miles per hour)

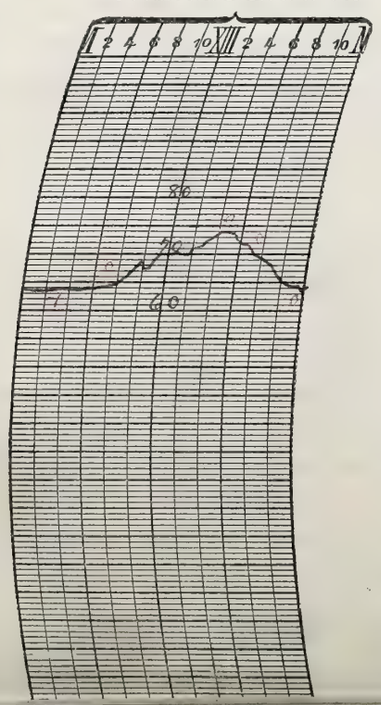
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

Prepared by

Verified by

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind, (Day of week) Saturday, (Date) SEP 11 1920, 192

Time (local standard). 90° mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	65	65	65	65	66	65	68	67	73	75	78	81
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions	?	—	—	Cloudy	—	—	—	—	Clear	—	—	Pt Cldy →
Sunshine (in tenths of hours)	6					0	0	0.6	0.4	1.0	1.0	1.0
Wind direction	S	S	S	S	S	S	S	SW	SW	SW	SW	SW
Wind movement	7	7	7	7	9	9	10	12	15	20	16	16

Sunrise: Time, 5:12 Character, Cloudy
Moonrise: 4:17a

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	78	79	80	81	81	78	77	75	75	74	73	72
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions	→	Cloudy										
Sunshine (in tenths of hours)	02	02	06	07	10	0						
Wind direction	SW	SW	SW	W	SW	W	W	SW	SW	SW	SW	SW
Wind movement	19	16	16	15	13	8	6	8	10	12	11	11

Sunset: Time, 5:57 Character, Cloudy
Moonset: 5:15p

Maximum velocities (exceeding 29 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

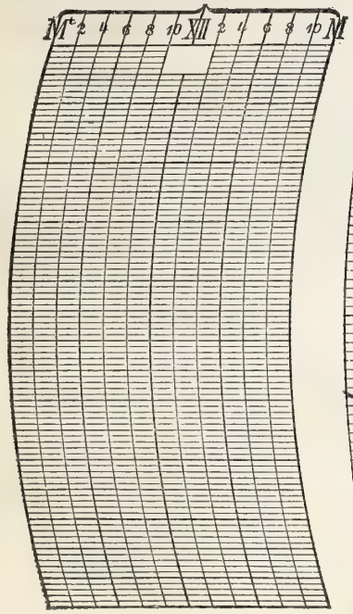
Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
82	64	73	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Pt Cloudy Moon phase,
Average daily cloudiness (0-10), 6
Actual sunshine, hours, 6.7 Possible sunshine, hours, 12.7
Per cent of possible sunshine, 53
Prevailing wind direction, SW Total wind 282
Average hourly velocity, 11.8 Extreme velocity, 29
Maximum velocity, 27 Direction, SW
Time began, 9:28 am
Reduced barometer, 29.88 7 a. m. 29.80 7, p. m.
River gage, 2.8 Fall
Relative humidity, 81 7 a. m. 71 7 p. m.

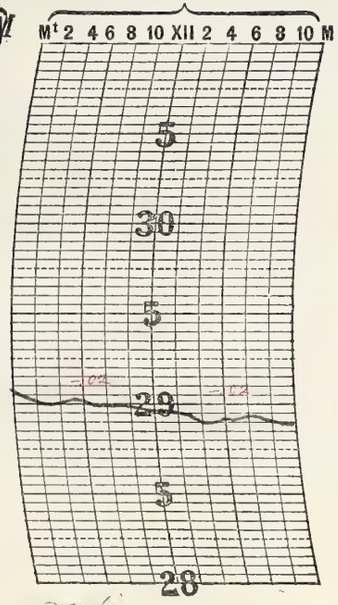
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 81.2 Wet temperature, 69.2
Dew-point, 63 R. humidity, 55 V. pressure, .525
Clouds: Amount, 5; Kind, Cu; Direction, SW
Velocity of clouds (miles per hour)

THERMOGRAPH.



BAROGRAPH.



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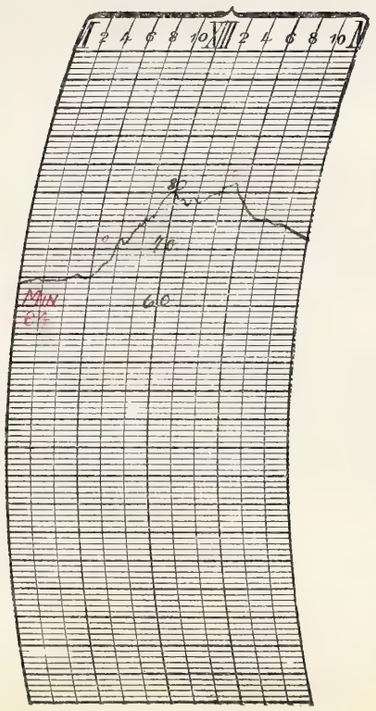


NOTES.

Partly cloudy, warm and pleasant day.

Prepared by

Verified by

8—486

Form No. 1014--Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Sunday, (Date) SEP 12 1920, 192

Time (local standard). 90 mer. normal time.

	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	70	69	67	66	65	64	66	68	71	73	77	80
State of weather. Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions					2						Clear	
Sunshine (in tenths of hours)						6 .68	7 .03	10	10	10	10	10
Wind direction	SW	SW	SW	SW	SW	SW	SW	W	W	W	W	W
Wind movement	13	9	8	10	11	10	10	12	13	13	12	15

	P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	82	82	81	81	78	74	72	68	65	64	61	59
State of weather. Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions												
Sunshine (in tenths of hours)	10	10	10	8	7 .2	0 .93						
Wind direction	W	NW	W	NW	NW	NW	NW	NW	N	NW	NW	W
Wind movement	15	17	18	15	13	10	7	8	6	5	3	6

Sunrise: Time, 5:19 Character, Clear
Moonrise: 5:26a
Sunset: Time, 5:56 Character, Clear
Moonset: 5:48p

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
82	59	70	

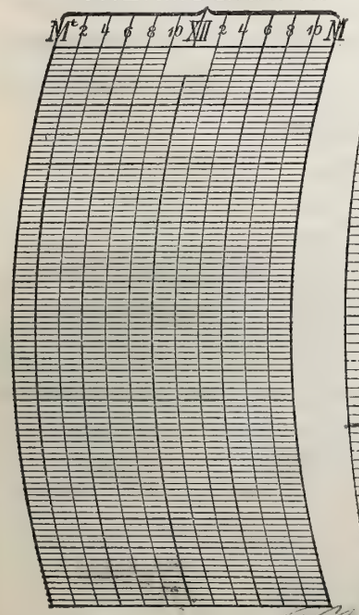
Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Clear Moon phase, NEW 6:52p
Average daily cloudiness (0-10), 2
Actual sunshine, hours, 12.3 Possible sunshine, hours, 12.6
Per cent of possible sunshine, 98
Prevailing wind direction, Wind NW Total wind 255
Average hourly velocity, 10.6 Extreme velocity, 22
Maximum velocity, 22 Direction, W
Time began, 2:40 p.m.
Reduced barometer, 29.78 7 a. m. 29.77 7 p. m.
River gage, 19 ft
Relative humidity, 76 7 a. m. 50 7 p. m.

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

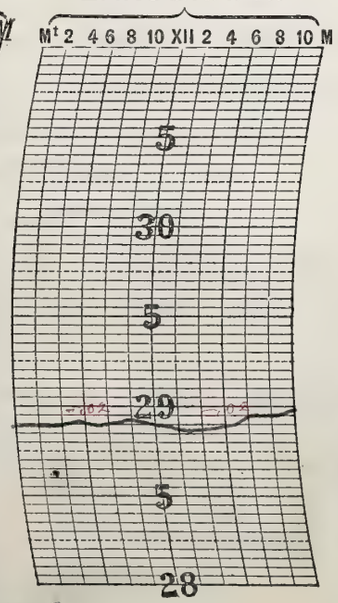
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 79.0 Wet temperature, 66.2
Dew-point, 59 R. humidity, 51 V. pressure, .499
Clouds: Amount, 2; Kind, Ci; Direction, NW
Velocity of clouds (miles per hour)

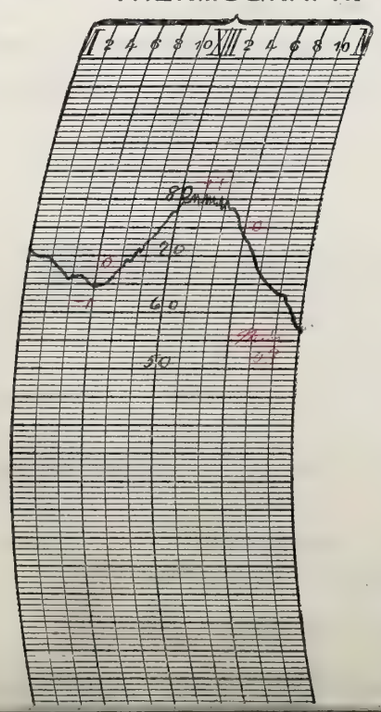
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

Prepared by

Verified by

8—486

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Monday, (Date) SEP 13 1920, 192

Time (local standard). 90 mer. normal time.

	A. M.												P. M.											
	12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	59	58	58	56	55	57	58	67	70	72	73	76	77	77	78	76	74	73	72	70	68	66	63	64
State of weather. Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions	Clear											Pt Cloudy	Pt. Cloudy											9
Sunrise: Time, Character,	5:20 Clear																				Sunset: Time, Character,	5:54 Cloudy		
Moonrise:	6:23 a																				Moonset:	6:20 p		
Sunshine (in tenths of hours)						.67 0	0.5 0.5	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.2	0	0						
Wind direction	W	W	W	W	W	W	W	W	W	W	NW	NW	NW	NW	W	N	E	E	E	SE	SE	SE	SE	SE
Wind movement	5	4	3	3	5	3	3	5	5	6	7	6	6	5	4	3	3	4	4	4	1	2	4	3
Maximum velocities (exceeding 18 miles) direction and time																								

Total duration. From—	Total duration. To—	Total amount of precipitation.	Excessive rate. Began—	Excessive rate. Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
79	55	67	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow, sleet, and hail on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Pt. Cloudy Moon phase,

Average daily cloudiness (0-10), 4

Actual sunshine, hours, 9.2 Possible sunshine, hours, 12.6

Per cent of possible sunshine, 73

Prevailing wind direction, W Total wind 95

Average hourly velocity, 4.0 Extreme velocity, 9

Maximum velocity, 9 Direction, NW

Time began, 11:18 am

Reduced barometer, 29.24 7 a. m. 29.24 7 p. m.

River gage, 2.4 (0.2)

Relative humidity, 72 7 a. m. 51 7 p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

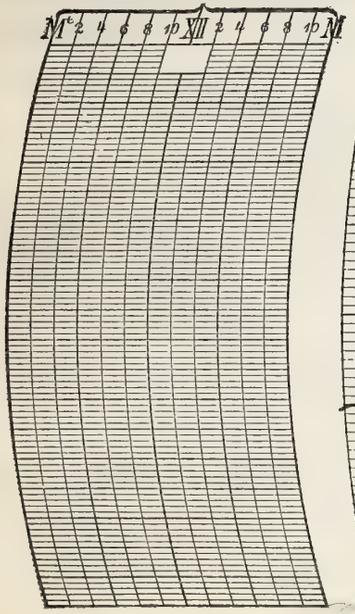
Dry temperature, 75.8 Wet temperature, 60.0

Dew-point, 42 R. humidity, 39 V. pressure, 342

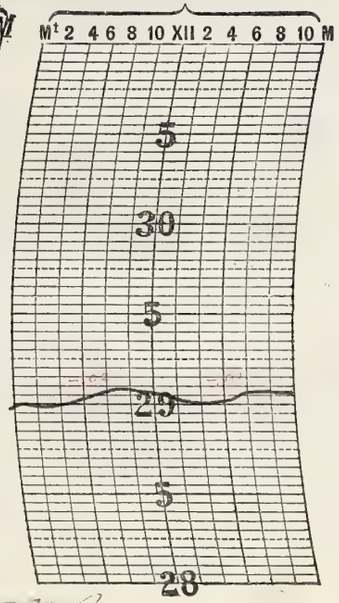
Clouds: Amount, 4; Kind, Cu; Direction, NW

Velocity of clouds (miles per hour)

THERMOGRAPH.



BAROGRAPH.



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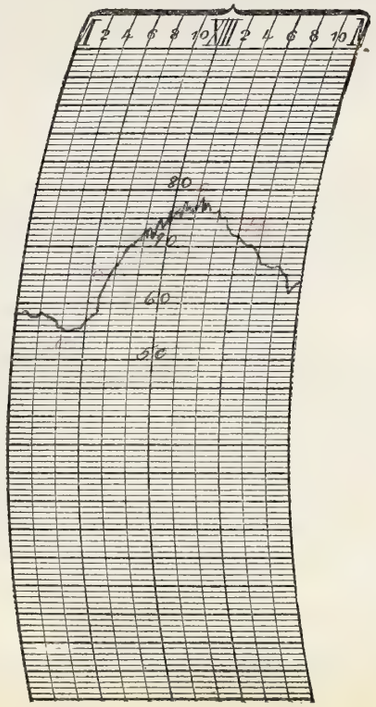


NOTES.

A solar halo of 22° radius was observed from 11:30 am until 11:45 am.

Prepared by CCS

Verified by J. W. Smith

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Tuesday, (Date) [illegible] 1929, 192

Time (local standard). 90 mer. normal time.

	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	63	61	60	60	56	58	66	67	75	77	81	84
State of weather. Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions	?					Clear						
Sunshine (in tenths of hours)						.65 0	1.0 0	1.0	1.0	1.0	1.0	1.0
Wind direction	SE	SE	SE	S	S	S	S	E	SW	S	S	S
Wind movement	1	1	3	2	1	1	2	4	2	2	4	4

	P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	85	85	84	82	81	77	75	73	72	70	68	69
State of weather. Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions						Clear						?
Sunshine (in tenths of hours)	1.0	1.0	1.0	1.0	0.2 0.8	.87 0						
Wind direction	S	SW	S	S	SE	SE	SE	SE	SE	SE	SE	SE
Wind movement	5	6	6	4	5	6	5	4	5	3	3	4

Sunrise: Time, 5:21 Character, Clear
Moonrise: 7:38a
Sunset: Time, 5:52 Character, Clear
Moonset: 6:54p

Maximum velocities (exceeding 20 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

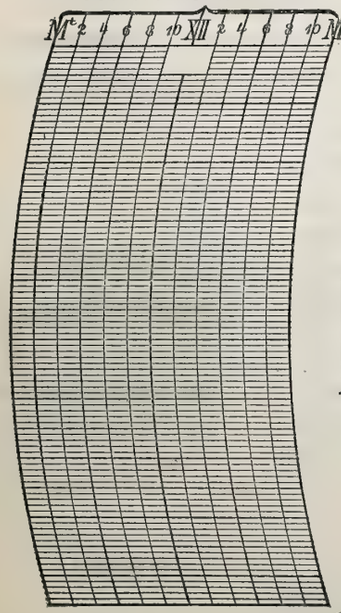
Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
85	56	70	–

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Clear Moon phase,
Average daily cloudiness (0–10), 1
Actual sunshine, hours, 12.5 Possible sunshine, hours, 12.5
Per cent of possible sunshine, 100
Prevailing wind direction, SE Total wind [illegible]
Average hourly velocity, 3.5 Extreme velocity, 8
Maximum velocity, 8 Direction, E
Time began, 4:56 pm
Reduced barometer, 30.00 7 a. m. 29.99 7, p. m.
River gage, 2.3 Feet
Relative humidity, 84 7 a. m. 57 7 p. m.

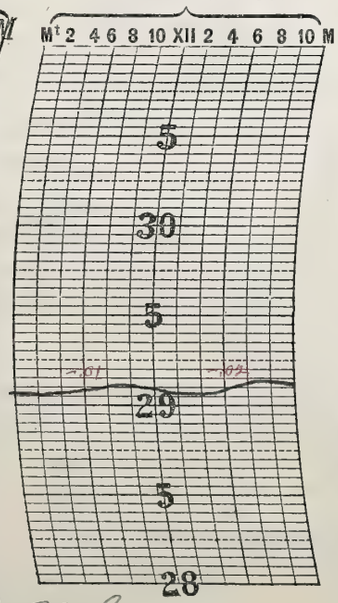
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 83.5 Wet temperature, 66.0
Dew-point, 56 R. humidity, 32 V. pressure, .448
Clouds: Amount, Few; Kind, Cu; Direction, E
Velocity of clouds (miles per hour)

THERMOGRAPH.



BAROGRAPH.



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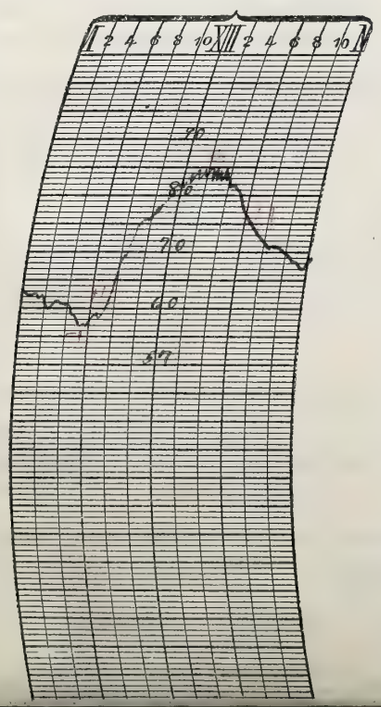


NOTES.

A clear day with moderately high temperatures.

Prepared by CCS.
Verified by D. McKinnon

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Wednesday, (Date) SEP 15 1920, 192

Time (local standard). 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	66	67	67	66	66	66	69	74	76	77	77	77
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions	9					Cloudy						
Sunrise: Time, Character,	5:21 Cloudy											
Moonrise:	8:42a											
Sunshine (in tenths of hours)						0	0.1	0.6	0.5	0.6	0	0
Wind direction	SE	SE	S	S	S	S	S	S	S	S	S	S
Wind movement	3	4	5	4	5	6	8	7	10	14	15	12
Maximum velocities (exceeding 29 miles) direction and time												

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	67	71	74	77	77	75	74	74	74	74	72	69
State of weather: Nature of precipitation and time of beginning and ending	RB 12:21	RE 1:30				RB 5:54	RE 6:15			RB 9:05 RE 9:30		
Amounts of precipitation	.22	.02				T	T			T		
Cloudiness and other conditions	Cloudy		x	Pt Cloudy	x	Cloudy				x Pt Cloudy x Clear		
Sunset: Time, Character,									5:51 Cloudy			
Moonset:									7:22p			
Sunshine (in tenths of hours)	0	0	0.4	1.0	0.6	0						
Wind direction	SW	S	S	S	SW	SW	SW	SW	SW	W	NW	NW
Wind movement	15	9	13	15	14	10	10	14	11	13	10	7
Maximum velocities (exceeding 29 miles) direction and time												

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
78	65	72	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., .24 ins.
Total precipitation, midnight to midnight, .24 inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0-10), 8
Actual sunshine, hours, 2.8 Possible sunshine, hours, 12.5
Per cent of possible sunshine, 30
Prevailing wind direction, S Total wind 238
Average hourly velocity, 9.9 Extreme velocity, 53
Maximum velocity, 28 Direction, SW
Time began, 12:23 pm
Reduced barometer, 30.01 7 a. m. 29.81 7 p. m.
River gage, 2.2 Feet
Relative humidity, 82 % 7 a. m. 78 7 p. m.

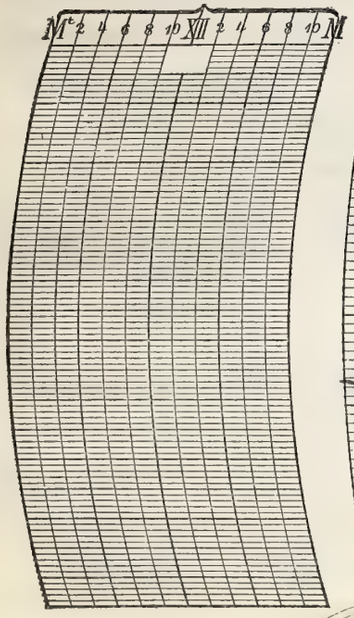
Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

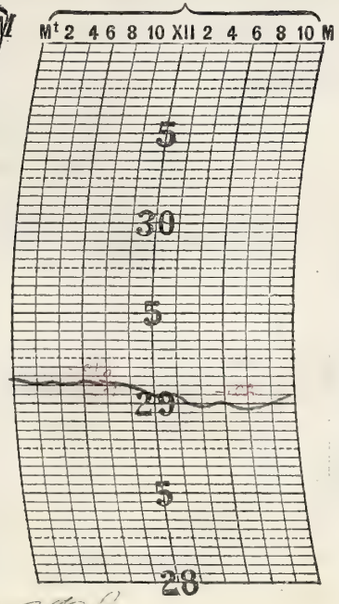
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 77.2 Wet temperature, 70.4
Dew-point, 68 R. humidity, 72 V. pressure, .684
Clouds: Amount, 10; Kind, St; Direction, SW
Velocity of clouds (miles per hour)

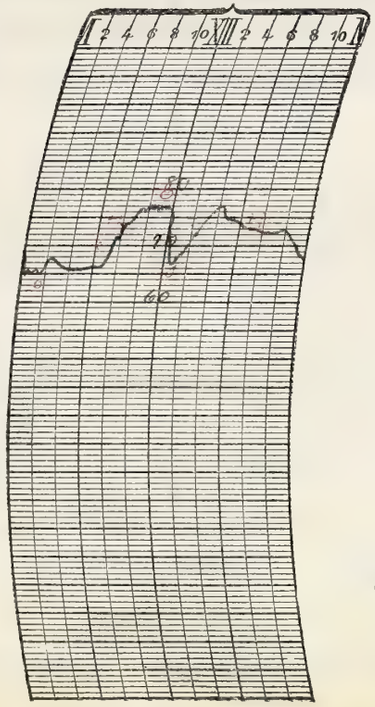
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

Thunderstorm — First thunder heard 12:26 p.m., last thunder heard 1:22 p.m. The storm moved from the west and was of a light nature.

Prepared by C. C. S.
Verified by A. McAdam

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Thursday, (Date) SEP 16 1920, 192

Time (local standard). 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	65	64	63	61	60	60	62	67	71	73	73	74
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions	Clear											
Sunrise: Time, Character,	5:22 Clear											
Moonrise:	9:43a											
Sunshine (in tenths of hours)						.63 0	0.2 0.8	1.0	1.0	1.0	1.0	1.0
Wind direction	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW
Wind movement	8	8	6	6	6	6	8	10	13	13	14	14
Maximum velocities (exceeding 49 miles) direction and time												

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	75	75	74	72	71	67	65	61	59	57	57	56
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions	Clear											
Sunset: Time, Character,									5:42 Clear			
Moonset:									8:06p			
Sunshine (in tenths of hours)	1.0	1.0	1.0	1.0	1.0	.72 0.9						
Wind direction	NW	NW	NW	NW	NW	NW	NW	N	N	N	N	N
Wind movement	13	14	16	15	13	11	9	6	8	8	5	6
Maximum velocities (exceeding 49 miles) direction and time												

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
76	56	66	

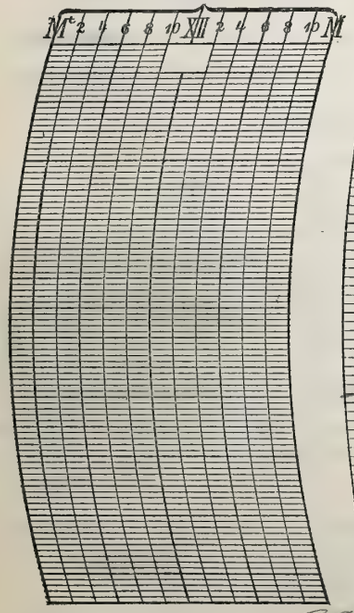
Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., T ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Clear Moon phase,
Average daily cloudiness (0-10), 0
Actual sunshine, hours, 12.4 Possible sunshine, hours, 12.4
Per cent of possible sunshine, 100
Prevailing wind direction, NW Total wind 236
Average hourly velocity, 9.8 Extreme velocity, 23
Maximum velocity, 19 Direction, NW
Time began, 3:58 pm
Reduced barometer, 30.64 7 a. m. 30.16 7 p. m.
River gage, 2.1 Feet
Relative humidity, 70 7 a. m. 62 7 p. m.

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

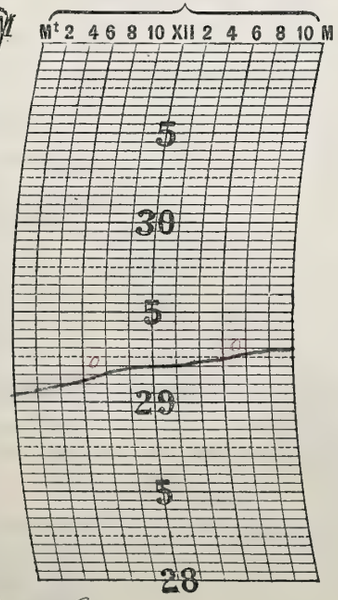
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 74.2 Wet temperature, 58.0
Dew-point, 46 R. humidity, 36 V. pressure, .310
Clouds: Amount, 0; Kind, 0; Direction, 0
Velocity of clouds (miles per hour)

THERMOGRAPH.



BAROGRAPH.



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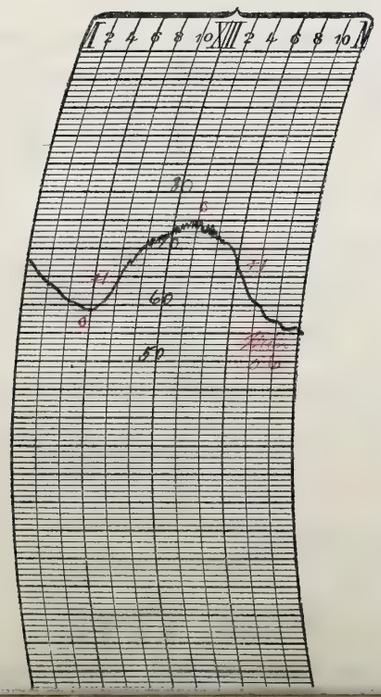


NOTES.

A clear and ideal day with moderate temperatures. This was the first cloudless day since August 17th.

Prepared by [signature]

Verified by [signature]

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Friday, (Date) SEP 1 1 1920, 192

Time (local standard). 90 mer. normal time.

	A. M.												P. M.											
	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	55	54	51	51	50	49	55	59	63	66	68	69	71	73	74	74	73	71	68	64	63	61	59	58
State of weather. Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions	Clear												Clear											
	Sunrise: Time, 5:23; Character, Clear. Moonrise: 10:41a																				Sunset: Time, 5:47; Character, Clear. Moonset: 8:47p			
Sunshine (in tenths of hours)						.62 0	0.2 0.8	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	.78 0						
Wind direction	N	N	N	N	N	N	N	N	N	N	NE	E	NE	E	SW	SW	W	SW	SW	SW	SW	SW	SW	SW
Wind movement	5	2	2	3	1	2	1	4	3	4	4	4	5	3	4	4	5	4	6	7	7	7	6	7
Maximum velocities (exceeding ___ miles) direction and time																								

Total duration. From—	Total duration. To—	Total amount of precipitation.	Excessive rate. Began—	Excessive rate. Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

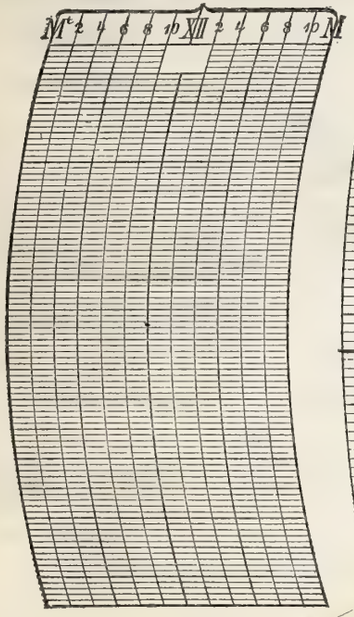
Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
75	49	62	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Clear. Moon phase,
Average daily cloudiness (0-10), 1
Actual sunshine, hours, 12.4 Possible sunshine, hours, 12.4
Per cent of possible sunshine, 100
Prevailing wind direction, N Total wind 100
Average hourly velocity, 4.2 Extreme velocity, 9
Maximum velocity, 9 Direction, SW
Time began, 8:51 p.m.
Reduced barometer, 30.28 7 a. m. 30.15 7 p. m.
River gage, 8.1 East.
Relative humidity, 75 7 a. m. 47 7 p. m.

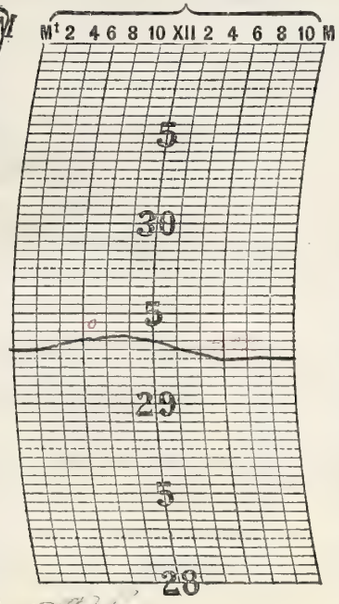
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 70.6 Wet temperature, 55.0
Dew-point, 42 R. humidity, 35 V. pressure, .266
Clouds: Amount, Few; Kind, Ast; Direction, NW
Velocity of clouds (miles per hour)

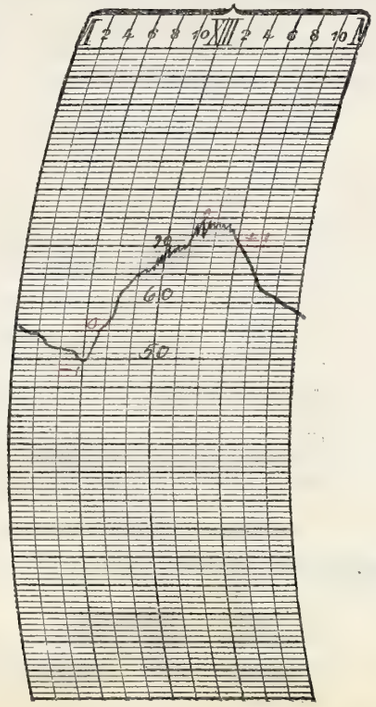
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

A clear ideal day.

Prepared by

Verified by

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) [redacted] Saturday (Date) SEP 18 1920, 192

Time (local standard). 90° mer. normal time.

	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	56	56	54	54	53	53	55	62	69	74	76	79
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions	Clear											
Sunshine (in tenths of hours)						.60 0	0.6 0.4	1.0	1.0	1.0	1.0	1.0
Wind direction	SW	SW	SW	SW	SW	SW	SW	SW	SW	W	W	W
Wind movement	7	7	7	7	7	6	8	10	8	12	13	12

Sunrise: Time, 5:24 Character, Clear

Moonrise: 11:25a

	P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	80	81	83	82	80	76	74	71	69	67	67	66
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions	Clear											
Sunshine (in tenths of hours)	1.0	1.0	1.0	0.9	0.2 0.8	77 0						
Wind direction	W	W	W	W	W	W	SW	SW	SW	SW	SW	N
Wind movement	12	11	12	12	8	5	6	7	7	4	3	2

Sunset: Time, 5:46 Character, Clear

Moonset: 9:31p

Maximum velocities (exceeding 29 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.

Excessive precipitation, accumulated amounts

Accumulated depths during excessive rate, for consecutive periods of time indicated below.	
5 min.	
10 min.	
15 min.	
20 min.	
25 min.	
30 min.	
35 min.	
40 min.	
45 min.	
50 min.	
60 min.	
80 min.	
100 min.	
120 min.	

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
83	53	68	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow, sleet, and hail on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Clear Moon phase,

Average daily cloudiness (0–10), few

Actual sunshine, hours, 12.3 Possible sunshine, hours, 12.4

Per cent of possible sunshine, 99

Prevailing wind direction, SW Total wind 193

Average hourly velocity, 8.0 Extreme velocity, 17

Maximum velocity, 17 Direction, W

Time began, 10:38 a.m.

Reduced barometer, 30.15 7 a. m. 30.01 7 p. m.

River gage, 2.1 Feet

Relative humidity, 74 7 a. m. 49 7 p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

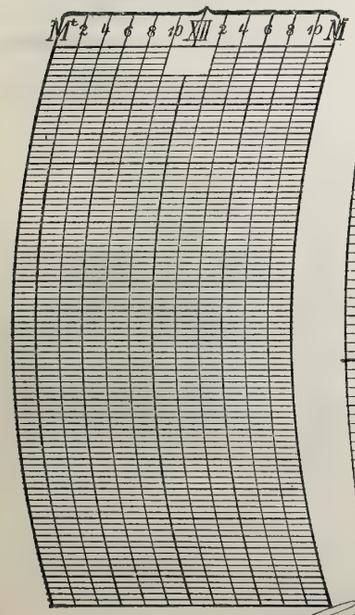
Dry temperature, 78.0 Wet temperature, 58.7

Dew-point, 43 R. humidity, 30 V. pressure, .277

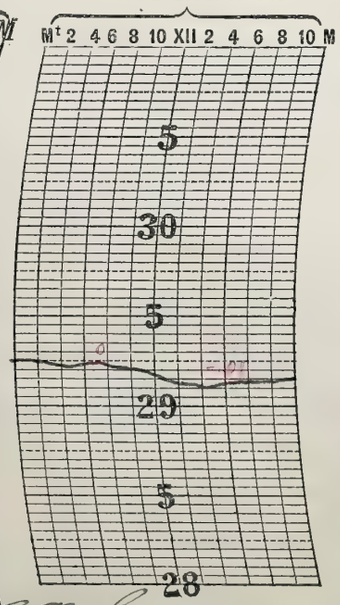
Clouds: Amount, 0; Kind, 0; Direction, 0

Velocity of clouds (miles per hour)

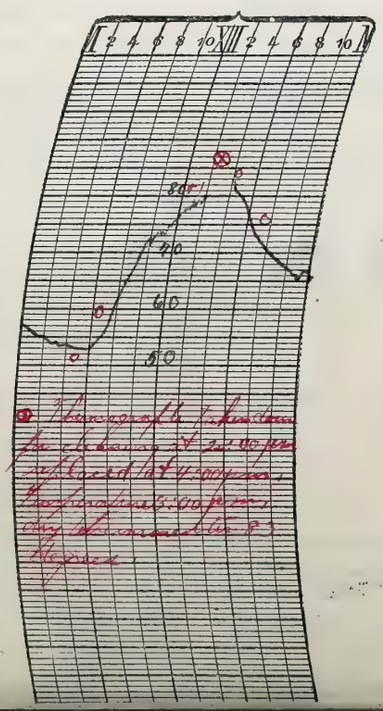
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

Exceptionally fine weather prevailed during the day.

Prepared by

Verified by

8—486

FORM NO. 1011—Met 1.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne Ind, (Day of week) ~~Saturday~~ Sunday (Date) SEP 19 1920, 192

Time (local standard). 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	62	60	58	56	55	54	54	58	60	61	64	66
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions		L				Clear						X
Sunrise: Time, Character,	5:26 Clear											
Moonrise:	12:35p											
Sunshine (in tenths of hours)						57 0	1.0 0	1.0	1.0	1.0	1.0	1.0
Wind direction	N	NE	NE	NE	NE	NE	NE	E	E	E	E	E
Wind movement	8	10	10	8	10	8	11	11	10	9	10	9

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	70	71	71	70	68	63	62	58	56	54	53	53
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions					Clear							?
Sunset: Time, Character,									5:44 Clear			
Moonset:									10:20p			
Sunshine (in tenths of hours)	1.0	1.0	1.0	1.0	0.5	0.73 0						
Wind direction	E	E	E	E	E	E	E	E	E	E	E	E
Wind movement	8	10	10	10	9	8	10	11	10	10	9	8

Maximum velocities (exceeding 29 miles) direction and time.

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
71	52	62	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Clear Moon phase, F.Q. 10:35 pm.
Average daily cloudiness (0-10), Fair.
Actual sunshine, hours, 12.3 Possible sunshine, hours, 12.3
Per cent of possible sunshine, 100
Prevailing wind direction, E Total wind 227
Average hourly velocity, 9.5 Extreme velocity, 15
Maximum velocity, 14 Direction, NE
Time began, 12:42 am.
Reduced barometer, 30.19 7 a. m. 30.14 7 p. m.
River gage, 2.1 feet
Relative humidity, 76 7 a. m. 64 7 p. m.

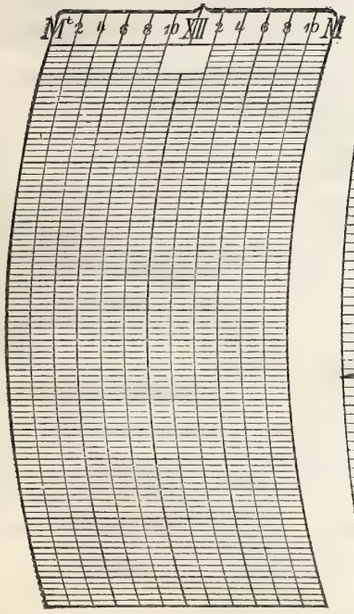
Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

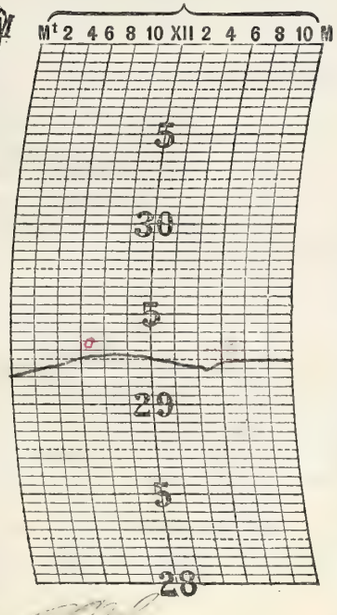
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 67.2 Wet temperature, 57.5
Dew-point, 51 R. humidity, 55 V. pressure, .373
Clouds: Amount, 0; Kind, 0; Direction, 0
Velocity of clouds (miles per hour)

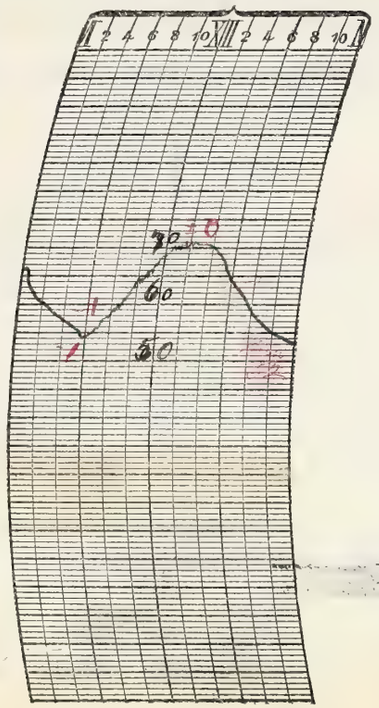
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

Prepared by

Verified by

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) ~~Sunday~~ Monday, (Date) SEP 20 1926, 192

Time (local standard). 90° mer. normal time.

	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	50	50	50	50	49	50	51	57	63	67	67	74
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions	?	—	—	Cloudy	—	—	—	× Pt. Cloudy	—	× Cldy	—	× Pt. Cldy
Sunshine (in tenths of hours)						0	0	0	0.1	0.5	0.4	0.6
Wind direction	E	E	E	E	SE	SE	SE	SE	SE	SE	E	E
Wind movement	7	7	8	6	7	4	3	2	2	3	5	4

Sunrise: Time, 5:27 Character, Cloudy

Moonrise: 1:10 p.

	P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	77	82	83	76	73	70	69	66	64	62	60	59
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions	Pt. Cldy	—	Cloudy	—	—	× Pt. Cloudy	—	—	—	—	—	?
Sunshine (in tenths of hours)	0.7	0.6	1.0	0.3	0.1	0						
Wind direction	E	E	S	SW	E	E	E	E	E	E	E	E
Wind movement	4	4	5	6	10	7	8	8	7	8	7	7

Sunset: Time, 5:42 Character, Cloudy

Moonset: 11:41 p.

Maximum velocities (exceeding 22 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
83	49	66	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow, sleet, and hail on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Pt. Cloudy Moon phase,

Average daily cloudiness (0-10), 7

Actual sunshine, hours, 4.3 Possible sunshine, hours, 12.2

Per cent of possible sunshine, 35

Prevailing wind direction, E Total wind 139

Average hourly velocity, 5.8 Extreme velocity, 11

Maximum velocity, 11 Direction, E

Time began, 4:27 p.m.

Reduced barometer, 30.15 7 a. m. 30.03 7 p. m.

River gage, 2.1 Feet

Relative humidity, 87 7 a. m. 74 7 p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

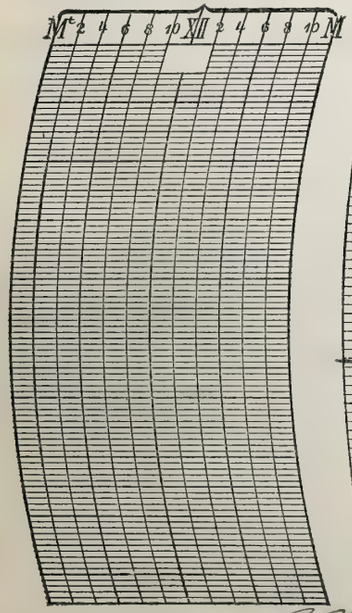
Dry temperature, 70.2 Wet temperature, 62.0

Dew-point, 57 R. humidity, 63 V. pressure, .465

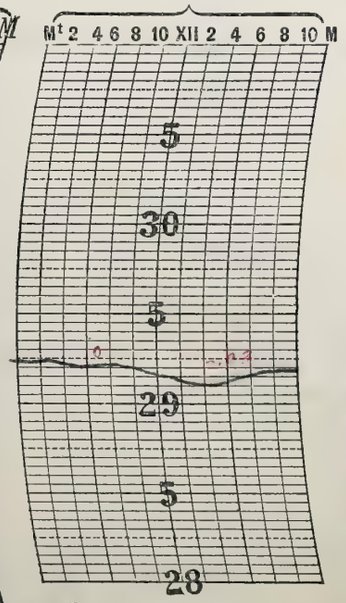
Clouds: Amount, 6; Kind, A.St.; Direction, NW

Velocity of clouds (miles per hour)

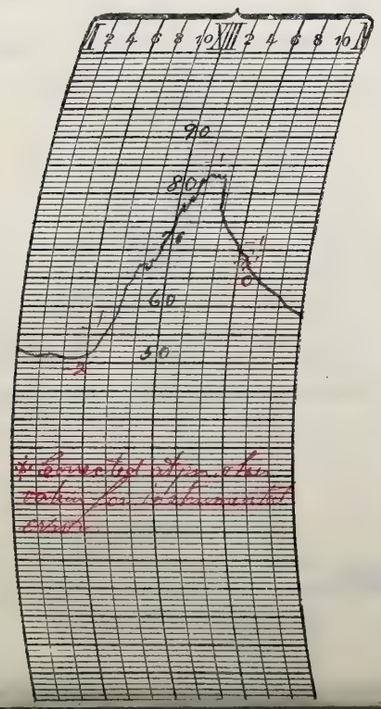
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



*Corrected time when taken for calibrated chart

NOTES.

A fairly cloudy day with moderately high temperature during the afternoon.

Prepared by

Verified by

8—486

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) ~~Monday~~ Tuesday, (Date) SEP 21 1920, 192

Time (local standard). 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	57	56	55	55	55	57	68	72	78	81	83	86
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions	7					Clear						
Sunshine (in tenths of hours)						.55 0	1.0 0	0.3 0.7	1.0	1.0	1.0	1.0
Wind direction	E	E	E	E	E	E	E	E	E	S	S	SW
Wind movement	6	5	5	4	4	4	3	1	3	6	10	10

Sunrise: Time, 5:27 Character, Clear. Moonrise: 1:52 P

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	87	87	88	87	84	81	79	76	74	73	72	70
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions						Clear						
Sunshine (in tenths of hours)	1.0	1.0	1.0	1.0	0.4 0.6	.68 0						
Wind direction	S	S	SW	SW	S	S	S	S	S	S	S	S
Wind movement	9	9	8	7	5	5	6	7	7	7	5	4

Sunset: Time, 5:41 Character, Clear. Moonset: 2

Maximum velocities (exceeding 29 miles) direction and time.

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
88	55	72	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow, sleet, and hail on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Clear Moon phase,

Average daily cloudiness (0-10), 0

Actual sunshine, hours, 12.2 Possible sunshine, hours, 12.2

Per cent of possible sunshine, 100

Prevailing wind direction, S Total wind 140

Average hourly velocity, 5.8 Extreme velocity, 12

Maximum velocity, 12 Direction, SW

Time began, 10:55 am

Reduced barometer, 30.14 7 a. m. 30.06 7 p. m.

River gage, 2.1 Feet

Relative humidity, 89 7 a. m. 47 7 p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

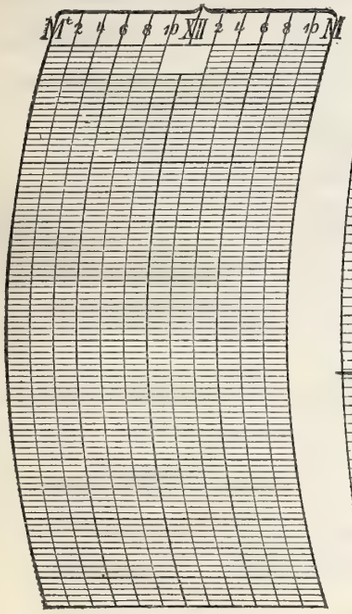
Dry temperature, 85.0 Wet temperature, 66.0

Dew-point, 55 R. humidity, 36 V. pressure, .432

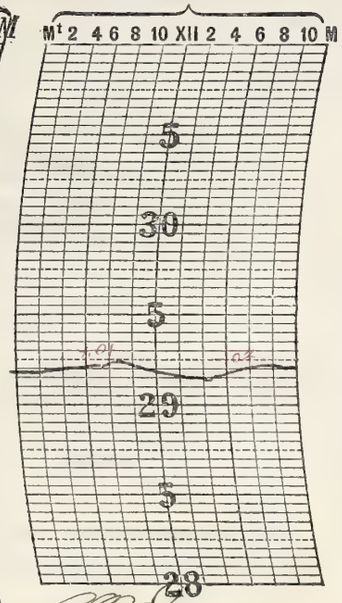
Clouds: Amount, 0; Kind, 0; Direction, 0

Velocity of clouds (miles per hour)

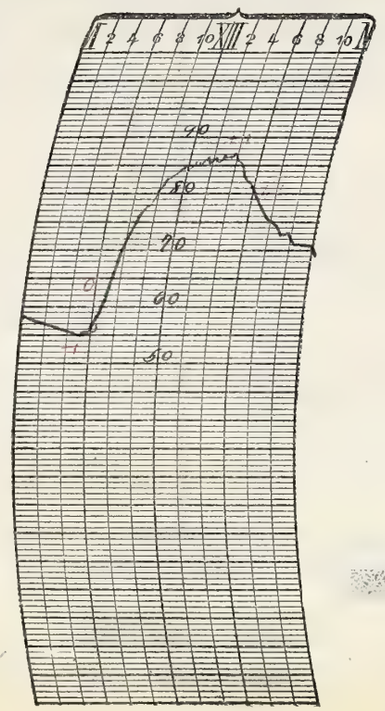
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

A clear day with somewhat high temperature.

A heavy deposit of dew in the early morning.

Prepared by

Verified by P. McDonough

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) ~~Tuesday~~ Wednesday, (Date) SEP 2 1920, 192

Time (local standard). 90° mer. normal time.

	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	68	67	67	65	65	64	67	74	79	83	85	86
State of weather. Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions	Clear											
Sunshine (in tenths of hours)						.53 0	1.0 0	1.0	1.0	1.0	1.0	1.0
Wind direction	S	S	S	S	S	S	S	S	S	S	S	SE
Wind movement	5	5	3	3	2	2	4	3	4	6	7	7

Sunrise: Time, 5:28 Character, Clear
Moonrise: 1:30 P.

	P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	87	88	88	87	85	80	77	76	75	74	72	71
State of weather. Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions	Pt. Cloudy							Clear				?
Sunshine (in tenths of hours)	1.0	1.0	1.0	0.9	0	0						
Wind direction	SE	SE	SE	SE	SE	SE	SE	SE	SE	SE	SE	SE
Wind movement	8	6	8	8	4	6	5	5	5	4	4	5

Sunset: Time, 5:39 Character, Cloudy
Moonset: 12:05 a.

Maximum velocities (exceeding 29 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

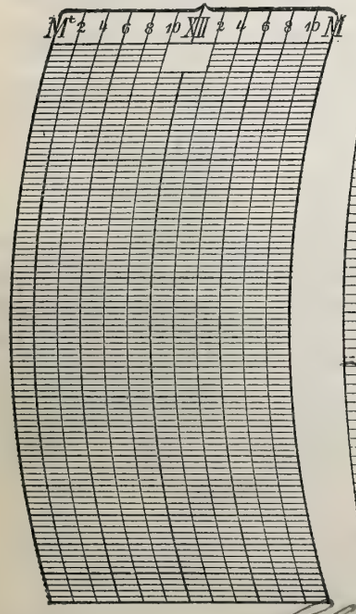
Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
88	64	76	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Clear Moon phase,
Average daily cloudiness (0-10), 3
Actual sunshine, hours, 10.4 Possible sunshine, hours, 12.2
Per cent of possible sunshine, 85
Prevailing wind direction, SE Total wind 11.9
Average hourly velocity, 5.0 Extreme velocity, 11
Maximum velocity, 11 Direction, SE
Time began, 2:36 p.m.
Reduced barometer, 30.16 a. m. 30.04, p. m.
River gage, 21 Feet.
Relative humidity, 80 a. m. 44 p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 85.5 Wet temperature, 68.0
Dew-point, 58 R. humidity, 40 V. pressure, .482
Clouds: Amount, 4; Kind, Alt.; Direction, NW
Velocity of clouds (miles per hour)

THERMOGRAPH.



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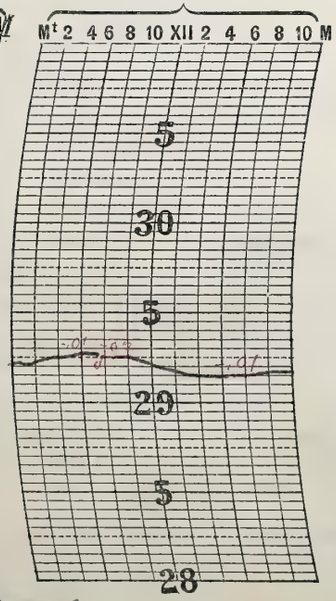
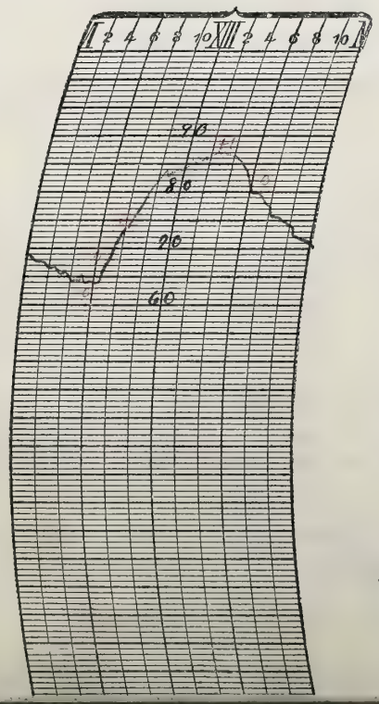


THERMOGRAPH.



NOTES.

Solar halo of 22° observed from 3:52 p.m. until about 4:45 p.m. The phenomena was bright with an arc of about 160 degrees and the colors red, orange, yellow, green, blue, and violet visible. The clouds consisted of four-tenths Alto-Stratus from the northwest.

Prepared by E. A. S.
Verified by P. McDonough

Form No. 1014 Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) ~~Wednesday~~ Thursday, (Date) SEP 23 1920, 192

Time (local standard). 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	69	68	69	67	65	63	66	68	73	77	80	83	83	84	84	84	83	79	79	75	73	72	71	71
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions	9			Pt. Cloudy				— x —		Clear							Clear							9
Sunrise: Time, Character,	5:29 Cloudy																							
Moonrise:	3:05 P																							
Sunset: Time, Character,																					5:37 Clear			
Moonset:																					1:02 a			
Sunshine (in tenths of hours)						0	0.2	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.3	0						
Wind direction	SE	SE	SE	SE	SE	SE	SE	SE	S	S	S	S	S	SE	SE	SE	SE	SE	SE	SE	SE	SE	SE	SE
Wind movement	4	6	6	8	4	4	7	10	8	7	11	12	11	11	12	12	10	8	6	7	5	5	5	6
Maximum velocities (exceeding 29 miles) direction and time																								

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
85	63	74	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow, sleet, and hail on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Clear Moon phase,

Average daily cloudiness (0-10), 2

Actual sunshine, hours, 10.8 Possible sunshine, hours, 12.1

Per cent of possible sunshine, 89

Prevailing wind direction, SE Total wind 185

Average hourly velocity, 7.7 Extreme velocity, 17

Maximum velocity, 16 Direction, S

Time began, 11:18 am

Reduced barometer, 30.11 7 a. m. 29.96 7 p. m.

River gage, 2.0 Feet

Relative humidity, 66 7 a. m. 46 7 p. m.

Excessive precipitation, accumulated amounts	Total duration. From—	Total duration. To—	Total amount of precipitation.	Excessive rate. Began—	Excessive rate. Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

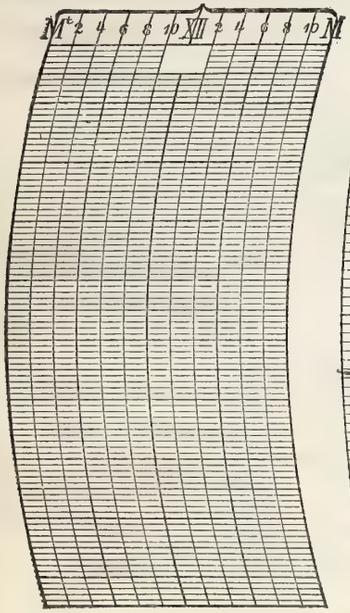
Dry temperature, 82.8 Wet temperature, 65.2

Dew-point, 55 R. humidity, 39 V. pressure, .432

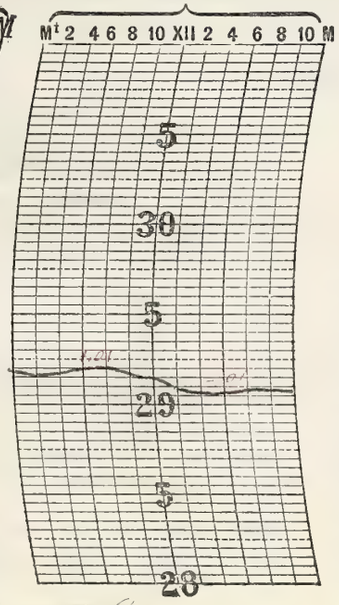
Clouds: Amount, Few; Kind, ASt; Direction, S

Velocity of clouds (miles per hour)

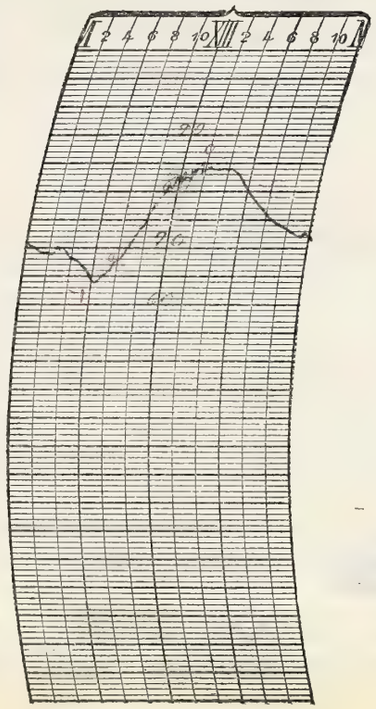
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

Autumnal equinox (fall commences) 1:29 a.m.

Prepared by [illegible]

Verified by [illegible]

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) ~~Thursday~~ Friday, (Date) SEP 24 1920, 192

Time (local standard). 90 mer. normal time.

	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	69	69	69	68	67	67	68	68	70	76	79	82
State of weather. Nature of precipitation and time of beginning and ending								RB 7:04 RE 7:1-				
Amounts of precipitation								.01				
Cloudiness and other conditions	?	—	—	—	Cloudy	—	—	—	—	× Pt Cldy ×	Clear	×

	P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	84	85	86	86	86	84	80	78	76	74	73	71
Cloudiness and other conditions	Pt Cloudy	—	—	—	×	Clear	—	—	—	—	—	—

Sunrise: Time, 5:30 Character, Cloudy

Moonrise: 4:26p

Sunset: Time, 5:36 Character, Cloudy

Moonset: 1:59a

	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Sunshine (in tenths of hours)						0	0	0	0.1	0.9	0.8	1.0
Wind direction	SE	S	S	S	S	S	S	S	S	SE	S	S
Wind movement	6	5	7	5	4	3	6	7	5	7	10	9
Maximum velocities (exceeding 29 miles) direction and time												

	P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Sunshine (in tenths of hours)	1.0	1.0	1.0	0.8	0.4	0						
Wind direction	SW	SW	S	SW	SW	SW	SW	S	S	SW	SW	SW
Wind movement	8	9	8	8	5	6	6	5	8	8	7	6

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

	Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
	87	67	77	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow, sleet, and hail on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., .01 ins.

Total precipitation, midnight to midnight, .01 inches.

Character of day, Pt Cloudy Moon phase,

Average daily cloudiness (0–10), 5

Actual sunshine, hours, 7.0 Possible sunshine, hours, 12.1

Per cent of possible sunshine, 58

Prevailing wind direction, S Total wind 158

Average hourly velocity, 6.6 Extreme velocity, 14

Maximum velocity, 13 Direction, SW

Time began, 10:54am

Reduced barometer, 29.01 7 a. m. 29.99 7, p. m.

River gage, 2.0 Feet

Relative humidity, 88 7 a. m. 7 p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

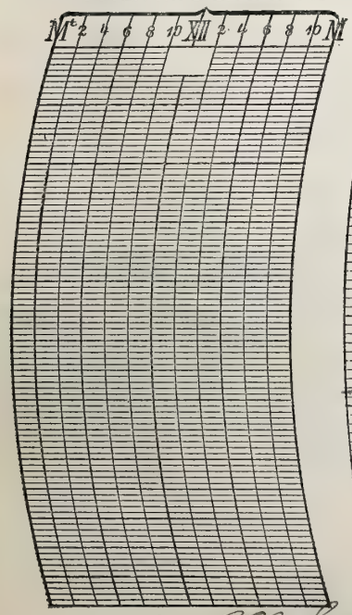
Dry temperature, 82.3 Wet temperature, 71.9

Dew-point, 68 R. humidity, 61 V. pressure, .684

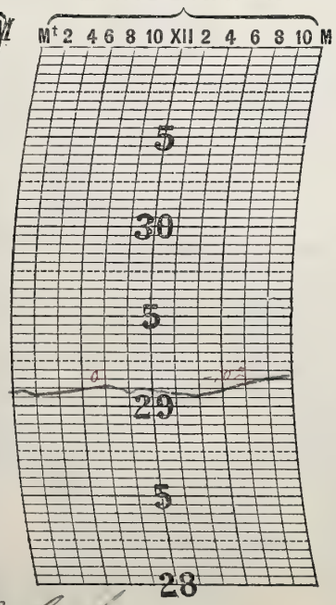
Clouds: Amount, 3; Kind, Cu.; Direction, SW.

Velocity of clouds (miles per hour)

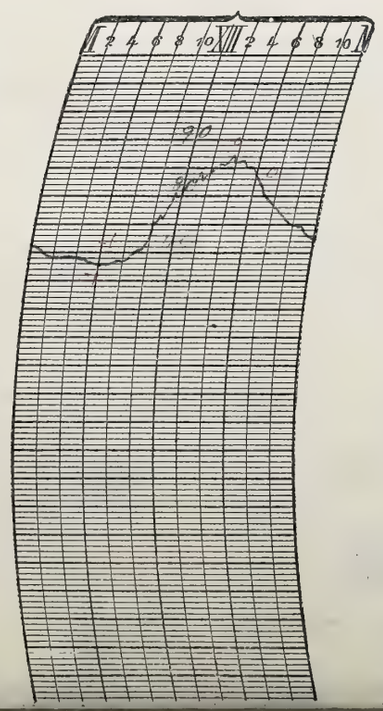
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

Rainbow observed from 7:52am until 8:03am.

A partly cloudy day with a moderate amount of sunshine and rather oppressive heat.

Prepared by } C. C. Schuck
Verified by }

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) ~~Friday~~ Saturday, (Date) SEP 25 1920, 192

Time (local standard). 90th mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	70	69	68	66	66	66	68	72	75	83	86	86
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions	Clear							x	Pt Cloudy			
Sunshine (in tenths of hours)						.48 0	1.0 0	0.1 0.9	0.6	1.0	1.0	0.9
Wind direction	S	S	S	S	S	S	S	SW	SW	SW	S	S
Wind movement	6	5	5	5	4	5	3	5	5	3	5	6

Sunrise: Time, 5:31 Character, Clear. Moonrise: 4:07p

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	88	88	89	88	86	83	81	80	78	77	76	75
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions					x	Clear						?
Sunshine (in tenths of hours)	1.0	1.0	1.0	1.0	0.4	0						
Wind direction	S	S	S	SW	S	S	S	S	S	S	S	S
Wind movement	7	8	7	7	7	5	4	7	6	7	8	8

Sunset: Time, 5:24 Character, Cloudy. Moonset: 2:59a

Maximum velocities (exceeding 27 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

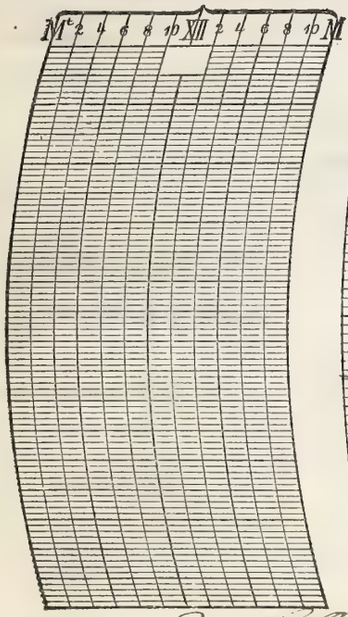
Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
89	66	78	✓

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Pt Cloudy Moon phase,
Average daily cloudiness (0-10), 4
Actual sunshine, hours, 10.4 Possible sunshine, hours, 12.0
Per cent of possible sunshine, 87
Prevailing wind direction, S Total wind 140
Average hourly velocity, 5.8 Extreme velocity, 11
Maximum velocity, 11 Direction, S
Time began, 12:44 pm
Reduced barometer, 30.13 7 a. m. 30.06 7 p. m.
River gage, 2.0 feet
Relative humidity, 93 7 a. m. 60 7 p. m.

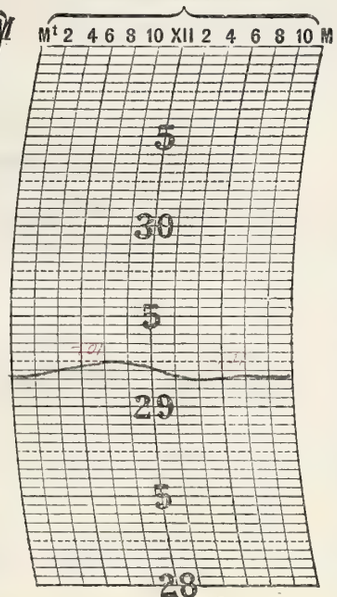
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 84.0 Wet temperature, 72.0
Dew-point, 67 R. humidity, 56 V. pressure, .661
Clouds: Amount, 5; Kind, Cu; Direction, S
Velocity of clouds (miles per hour)

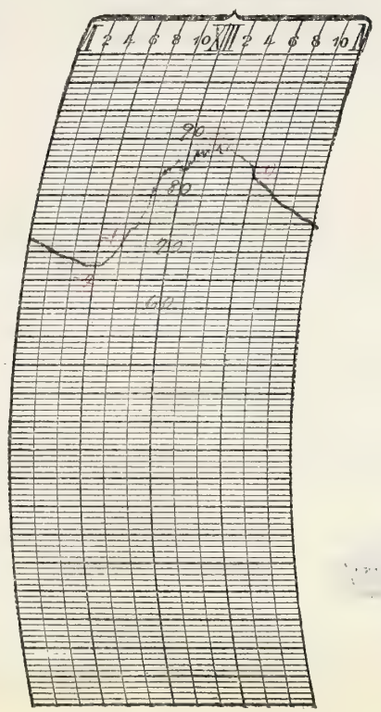
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

Heavy clear observed this morning
Partly Cloudy day with unseasonably
warm temperatures

Prepared by E. A. Schick.
Verified by

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) ~~Saturday~~ Sunday, (Date) SEP 24 1920, 192

Time (local standard). 90th mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	73	71	70	69	68	67	69	72	77	80	83	82 RB 11:45
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												.03
Cloudiness and other conditions	?					Pt Cloudy						×
Sunshine (in tenths of hours)						0	0	0.9	1.0	1.0	1.0	0.4
Wind direction	S	S	S	S	S	S	S	SW	SW	SW	SW	S
Wind movement	5	6	7	6	7	5	6	7	9	8	6	8
Maximum velocities (exceeding 29 miles) direction and time												

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	67	69 RB 1:28	71	72	72	72	72	71	69	68	68	68
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation	.73	.01										
Cloudiness and other conditions	Cloudy				×		Pt Cloudy					?
Sunshine (in tenths of hours)	0	0.1	0	0	0	0						
Wind direction	SW	N	N	SW	SW	SW	S	S	S	S	S	S
Wind movement	9	3	4	10	8	5	7	4	3	6	6	6

Sunrise: Time, 5:32 Character, Cloudy
Moonrise: 4:41p
Sunset: Time, 5:32 Character, Cloudy
Moonset: 4:01a

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
83	64	74	

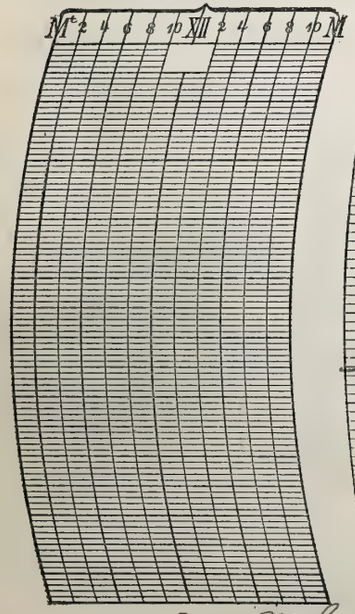
Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., .77 ins.
Total precipitation, midnight to midnight, .77 inches.
Character of day, Pt Cloudy Moon phase,
Average daily cloudiness (0-10), 7
Actual sunshine, hours, 4.4 Possible sunshine, hours, 12.0
Per cent of possible sunshine, 37
Prevailing wind direction, S Total wind 151
Average hourly velocity, 6.3 Extreme velocity, 30
Maximum velocity, 29 Direction, SW
Time began, 12:08 p.m.
Reduced barometer, 30.12 7 a. m. 30.03 7 p. m.
River gage, 1.9 Fast
Relative humidity, 86 7 a. m. 79 7 p. m.

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts 11:45a	1:23p	.77	11:59a	12:23p	.02 ~~.67~~	.18	.33	.57	.69	.73 ~~.74~~									

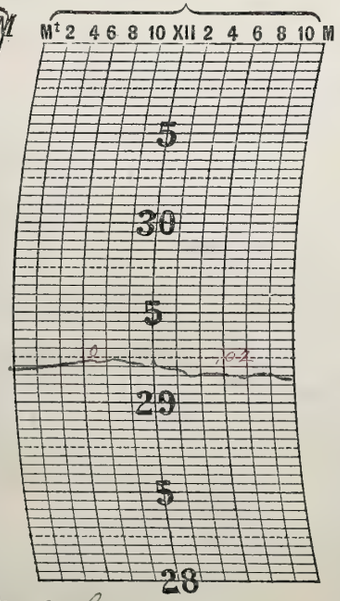
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 82.2 Wet temperature, 70.7
Dew-point, 65 R. humidity, 57 V. pressure, .666
Clouds: Amount, 2; Kind, St; Direction, W
Velocity of clouds (miles per hour)

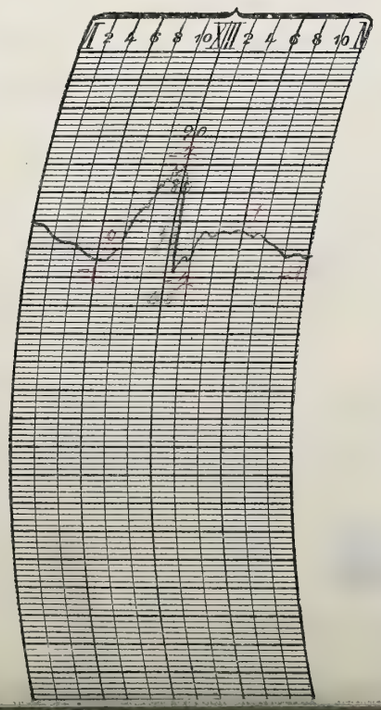
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

Thunderstorm:- First thunder heard 11:39 am; last thunder heard at 1:00 pm. The storm moved from the west, was of moderate intensity and accompanied by a moderate amount of rain.

Prepared by C. M. Schick
Verified by

8—486

Form No. 1012—Met. R.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) ~~Sunday~~ Monday, (Date) SEP 27 1926, 192

Time (local standard). 90° mer. normal time.

	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	68	68	69	68	68	68	68	68	69	70	71	71
Nature of precipitation and time of beginning and ending					RB DNA				RE 8:44			
Amounts of precipitation					.07	.04	.16	.13	T			
Cloudiness and other conditions	?				Cloudy						Cloudy	
Sunshine (in tenths of hours)						0	0	0	0	0	0.2	0
Wind direction	S	S	S	S	SW	W	SW	W	SW	SW	SW	SW
Wind movement	8	8	7	8	10	6	10	7	8	8	8	8

	P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	71	69	69	71	71	69	66	65	61	60	59	56
Nature of precipitation and time of beginning and ending	RB 12:48 RE 12:54											
Amounts of precipitation	T											
Cloudiness and other conditions	Cloudy				×Pt. Cloudy×				Clear			
Sunshine (in tenths of hours)	0	0	0	0.6	0.4	0						
Wind direction	SW	NW	NW	NW	NW	NW	NW	NW	NW	NW	W	W
Wind movement	8	8	10	12	7	4	4	4	4	5	5	5

Sunrise: Time, 5:33 Character, Cloudy
Moonrise: 5:10 P.

Sunset: Time, 5:30 Character, Cloudy
Moonset: 5:04 A.

Maximum velocities (exceeding 57 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

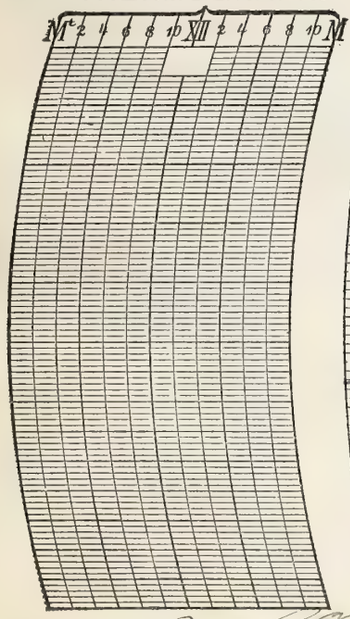
Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
71	56	64	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., .20 ins.; to 7 p. m., .20 ins.
Total precipitation, midnight to midnight, .40 inches.
Character of day, Cloudy Moon phase, Full 7:57 p
Average daily cloudiness (0-10), 9
Actual sunshine, hours, 1.2 Possible sunshine, hours, 12.0
Per cent of possible sunshine, 10
Prevailing wind direction, NW Total wind 170
Average hourly velocity, 7.1 Extreme velocity, 14
Maximum velocity, 13 Direction, SW
Time began, 6:39 am
Reduced barometer, 30.04 7 a. m. 29.99 7 p. m.
River gage, 6.1 Feet
Relative humidity, 95 7 a. m. 64 7 p. m.

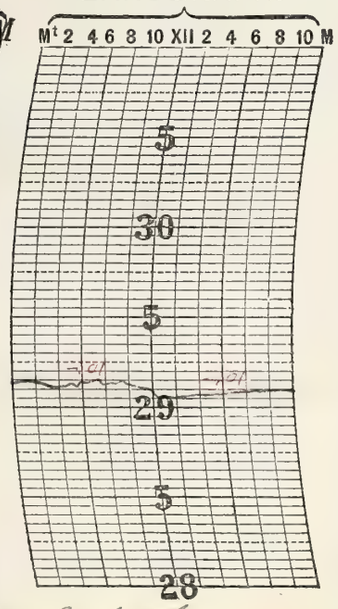
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 70.0 Wet temperature, 66.0
Dew-point, 64 R. humidity, 81 V. pressure, .595
Clouds: Amount, 10; Kind, St Cu; Direction, SW
Velocity of clouds (miles per hour)

THERMOGRAPH.



BAROGRAPH.



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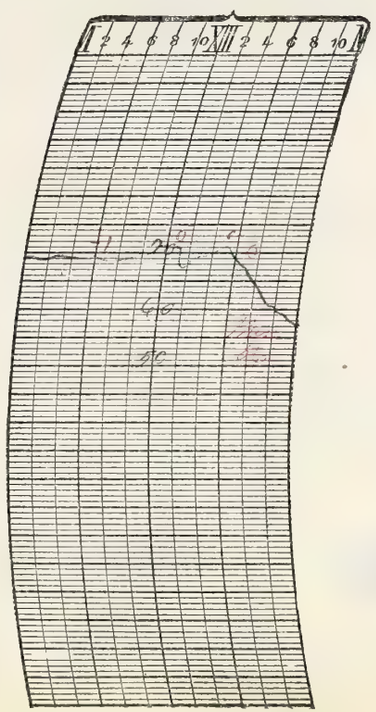


NOTES.

Thunderstorm — first thunder heard about 4:00 am; last thunder heard 8:00 am. The storm moved from the southwest and was light on showers.

Prepared by [illegible]
Verified by

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) ~~Monday~~ Tuesday, (Date) Sept 29 1925, 192

Time (local standard). 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	56	55	53	53	53	53	55	61	67	70	72	75
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions	Clear											
Sunrise: Time, Character, 5:25 Clear; Moonrise: 5:44p												
Sunshine (in tenths of hours)						.42 0	0.7 0.3	1.0	1.0	1.0	1.0	1.0
Wind direction	W	SW	SW	SW	SW	SW	SW	SW	SW	W	W	SW
Wind movement	6	6	8	8	9	9	10	11	13	14	15	17
Maximum velocities (exceeding 29 miles) direction and time												

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	75	76	75	73	73	70	66	62	62	61	59	58
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions	Clear											
Sunset: Time, Character, 5:19 Clear; Moonset: 6:02a												
Sunshine (in tenths of hours)	1.0	0.7	0.7	1.0	0.3 0.7	.48 0						
Wind direction	SW	SW	W	W	W	W	W	W	W	W	W	NW
Wind movement	18	17	19	18	12	9	7	6	7	6	8	7
Maximum velocities (exceeding 29 miles) direction and time												

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

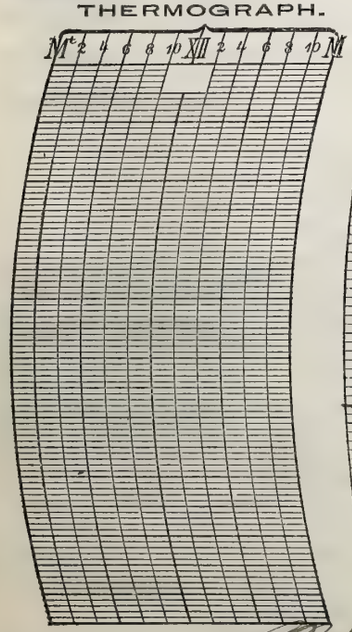
Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
76	53	64	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Clear Moon phase,
Average daily cloudiness (0-10), 1
Actual sunshine, hours, 11.3 Possible sunshine, hours, 11.9
Per cent of possible sunshine, 95
Prevailing wind direction, W. Total wind 260
Average hourly velocity, 10.8 Extreme velocity, 22
Maximum velocity, 27 Direction, W
Time began, 2:35 pm.
Reduced barometer, 29.99 7 a. m. 29.90 7 p. m.
River gage, 2.0 feet.
Relative humidity, 71 7 a. m. 33 7 p. m.

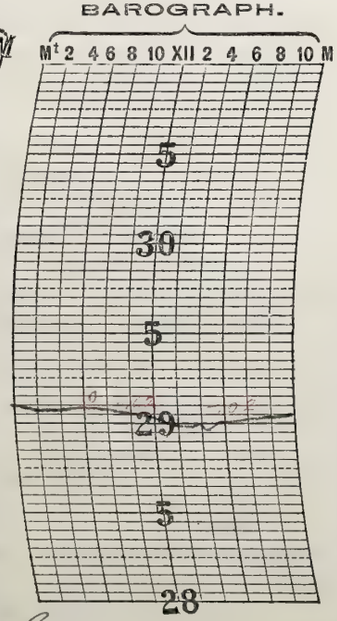
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 74.0 Wet temperature, 53.8
Dew-point, 34 R. humidity, 23 V. pressure, .195
Clouds: Amount, 0; Kind, 0; Direction, 0
Velocity of clouds (miles per hour)

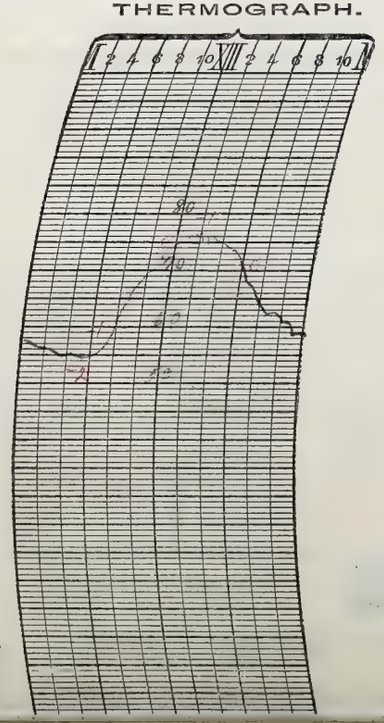
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

Special 12 Noon (75th Meridian Time) observation called for by Central Office filed at 12:20 pm.

A clear and very pleasant day with a clear cool night and a bright moon shining.

Prepared by [illegible]

Verified by P. M. McDonough

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) ~~Tuesday~~ Wednesday, (Date) SEP 2 1908, 192

Time (local standard). 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	57	55	52	52	51	50	49	48	49	49	51	51
Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions	Clear							Hdy		Cloudy		
Sunrise: Time, Character,	5:36 Cloudy											
Moonrise:	6:18 P											
Sunshine (in tenths of hours)						0	0	0	0	0	0.4	0
Wind direction	NW	W	W	W	W	W	W	W	W	NW	NW	NW
Wind movement	6	7	5	5	8	9	9	7	8	13	14	12

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	52	51	51	50	48	48	48	47	46	46	44	43
Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions	Cloudy											
Sunset: Time, Character,									5:27 Cloudy			
Moonset:									2:15 a			
Sunshine (in tenths of hours)	0.2	0.5	0.8	0.8	0	0						
Wind direction	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW
Wind movement	11	13	16	16	11	8	6	6	5	4	7	5

State of weather.

Maximum velocities (exceeding 27 miles) direction and time.

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
58	43	50	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow, sleet, and hail on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Cloudy Moon phase,

Average daily cloudiness (0-10), 8

Actual sunshine, hours, 2.7 Possible sunshine, hours, 11.8

Per cent of possible sunshine, 23

Prevailing wind direction, NW Total wind 211

Average hourly velocity, 8.8 Extreme velocity, 23

Maximum velocity, 20 Direction, NW

Time began, 9:02 pm

Reduced barometer, 29.98 7 a. m. 30.04 7 p. m.

River gage, 2.0 feet

Relative humidity, 82 7 a. m. 80 7 p. m.

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

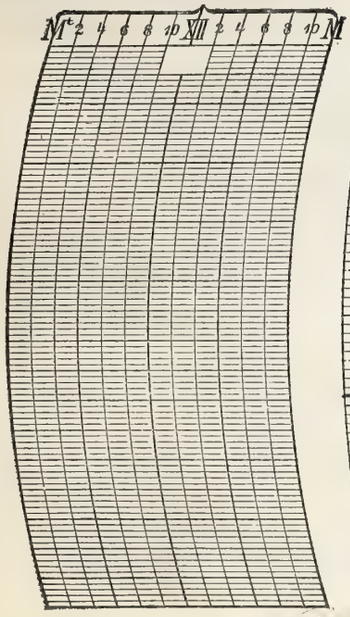
Dry temperature, 52.0 Wet temperature, 43.5

Dew-point, 34 R. humidity, 49 V. pressure, .195

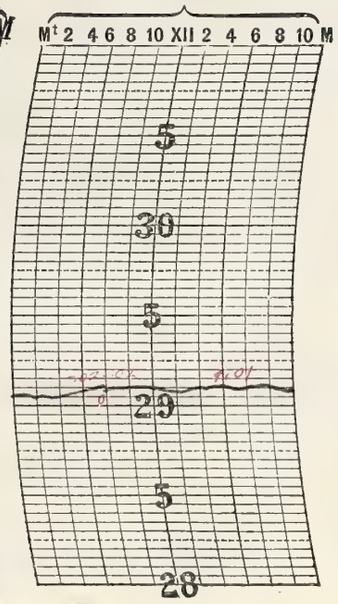
Clouds: Amount, 9; Kind, Stcu.; Direction, W

Velocity of clouds (miles per hour)

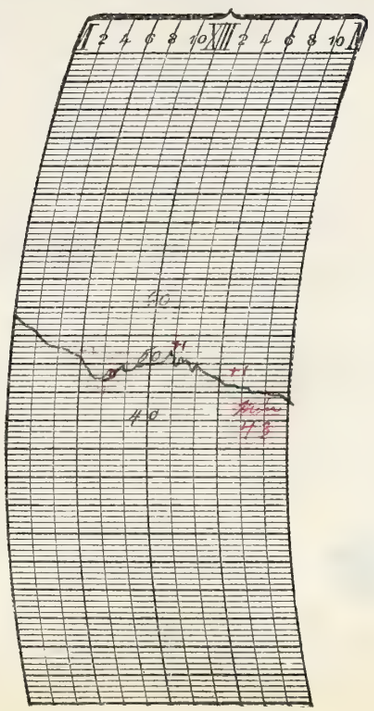
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

A cloudy and unseasonably cold day with moderate west to southwest winds.

A frost warning was included in the regular 8 am. forecast message received at 9:33 from the Central Office. It was emphasized on all the bulletins and phoned to parties interested.

Prepared by

Verified by

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) ~~Wednesday~~ Thursday, (Date) [illegible], 192

Time (local standard). 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	41	41	40	40	41	41	43	44	46	50	51	52
Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions	Cloudy								Pt Cloudy			
Sunshine (in tenths of hours)						0	0	0.3	1.0	0.9	1.0	0.6
Wind direction	N	NW	NW	NW	NW	N	N	N	N	N	N	N
Wind movement	5	5	7	7	7	7	8	11	12	14	15	16

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	50	51	51	51	50	50	50	47	46	46	46	45
Nature of precipitation and time of beginning and ending			RB 2:55		RE 4:15							
Amounts of precipitation			T	T	T							
Cloudiness and other conditions	Pt Cloudy					Cloudy						
Sunshine (in tenths of hours)	0	0	0	0	0	0						
Wind direction	N	N	N	N	N	N	N	N	N	N	N	N
Wind movement	14	14	10	11	9	11	10	12	13	11	9	9

Sunrise: Time, 5:37 Character, Cloudy
Moonrise: 6:59p

Sunset: Time, 5:25 Character, Cloudy
Moonset: 8:24a

Maximum velocities (exceeding 29 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

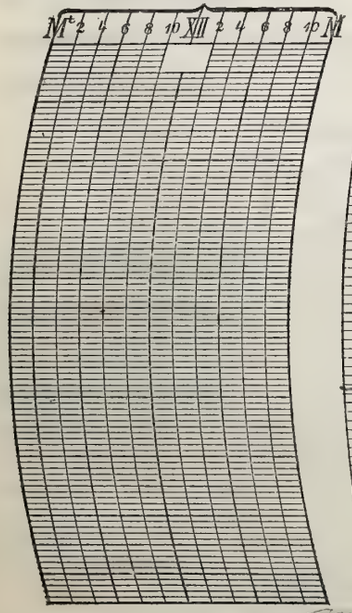
Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
52	40	46	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., T ins.
Total precipitation, midnight to midnight, T inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0-10), 8
Actual sunshine, hours, 3.8 Possible sunshine, hours, 11.8
Per cent of possible sunshine, 32
Prevailing wind direction, N Total wind 240
Average hourly velocity, 10.3 Extreme velocity, 21
Maximum velocity, 20 Direction, N
Time began, 10:15 am
Reduced barometer, 29.97 7 a. m. 29.95 7 p. m.
River gage, 2.0 Feet
Relative humidity, 83 7 a. m. 66 7 p. m.

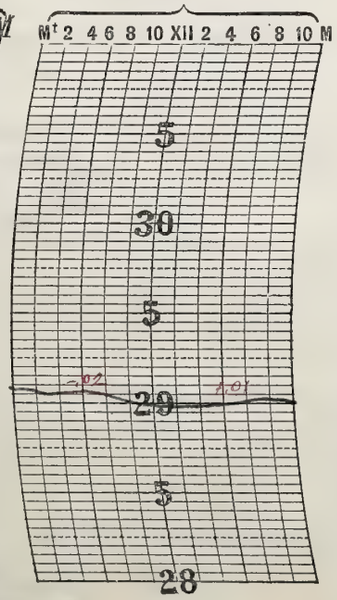
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 51.0 Wet temperature, 43.5
Dew-point, 35 R. humidity, 54 V. pressure, 26.3
Clouds: Amount, 8; Kind, St Cu; Direction, NE
Velocity of clouds (miles per hour)

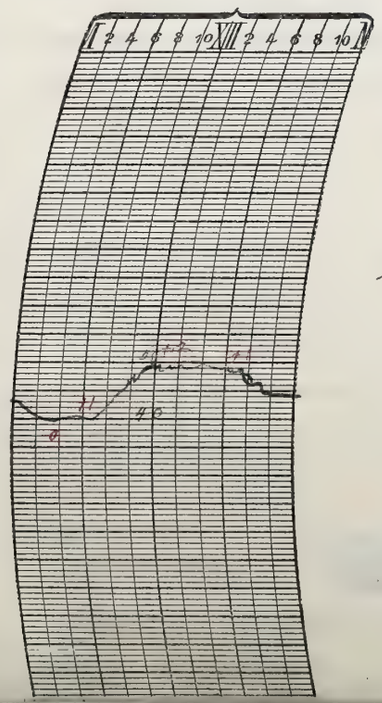
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

Light frost occurred this morning. Frost warning included in the regular am. forecast message from the Central Office and received at 9:33 am. It was printed on all bulletins and phoned to frontiers interested.

A cloudy day with unseasonably low temperatures.

Prepared by [illegible]

Verified by [illegible]

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne Ind, (Day of week) ~~Thursday~~ Friday, (Date) OCT - 1 1920, 192

Time (local standard). 90th mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	45	44	43	43	43	42	42	44	45	47	48	49
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions	Cloudy											
Sunshine (in tenths of hours)						0	0	0	0	0	0.4	0.1
Wind direction	N	N	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW
Wind movement	8	9	11	11	10	9	5	12	13	15	15	16
Maximum velocities (exceeding 25 miles) direction and time												

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	50	52	53	54	52	50	47	46	45	44	43	42
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions	Cloudy				Pt Cloudy		Clear					
Sunshine (in tenths of hours)	0	0.5	0	0	0	0						
Wind direction	NW	NW	NW	NW	NW	NW	W	W	W	W	W	W
Wind movement	17	17	16	14	16	11	10	10	10	8	8	7
Maximum velocities (exceeding 25 miles) direction and time												

Sunrise: Time, 5:38 Character, Cloudy
Moonrise: 7:45p

Sunset: Time, 5:23 Character, Cloudy
Moonset: 9:29a

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

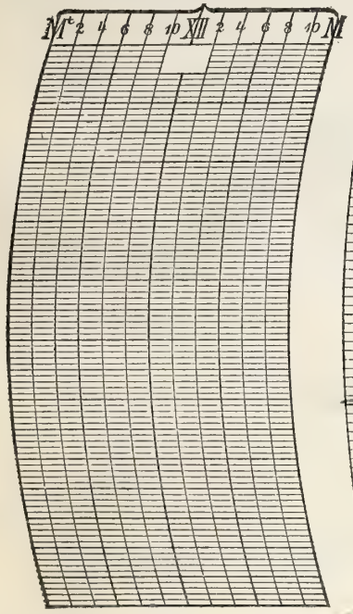
Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
54	42	48	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0-10), 9
Actual sunshine, hours, 1.0 Possible sunshine, hours, 11.8
Per cent of possible sunshine, 8
Prevailing wind direction, NW Total wind 281
Average hourly velocity, 11.7 Extreme velocity,
Maximum velocity, 20 Direction, NW
Time began, 1:21 pm
Reduced barometer, 29.99 7 a. m. 30.01 7 p. m.
River gage, 20 feet
Relative humidity, 71 7 a. m. 7 p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 49.8 Wet temperature, 59.3
Dew-point, 25 R. humidity, 36 V. pressure, 130
Clouds: Amount, 9; Kind, Sc; Direction, NW
Velocity of clouds (miles per hour)

THERMOGRAPH.



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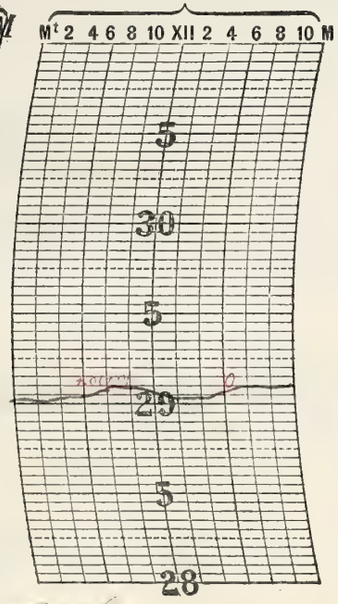
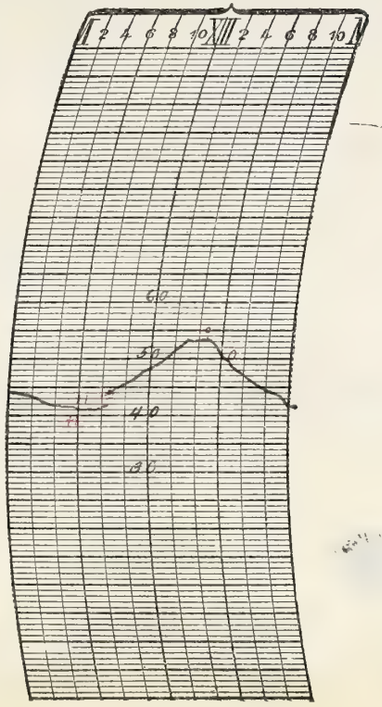


THERMOGRAPH.



NOTES.

First warning included in regular am. forecast received at 9:12 am.
Solar halo of 22° observed from 7:52 am, until 12:40 pm.
A cloudy, cold and rainy day with moderate northwest winds.

Prepared by
Verified by

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) ~~Friday~~ Saturday, (Date) OCT - 2 1920, 192

Time (local standard). 90th mer. normal time.

	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	40	39	38	38	37	37		48	53	56	58	59
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions						Clear						
Sunshine (in tenths of hours)						0	.0	0.7	1.0	1.0	1.0	1.0
Wind direction	SW	SW	SW	SW	SW	SW	SW	SW	SW	W	SW	SW
Wind movement	9	12	12	11	11	12	10	12	14	17	19	19

	P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	61	62	63	63	61	58	55	53	52	51	49	47
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions					Clear							2
Sunshine (in tenths of hours)	1.0	1.0	1.0	1.0	0.2	0						
Wind direction	SW	SW	SW	SW	SW	SW	S	SW	SW	S	SW	SW
Wind movement	15	17	11	4	16	5	9	11	10	11	12	8

Sunrise: Time, 5:30 Character, Clear

Moonrise: 2:38p

Sunset: Time, 5:22 Character, Clear

Moonset: 10:32p

Maximum velocities (exceeding 28 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.

Excessive precipitation, accumulated amounts

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
64	37	50	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow, sleet, and hail on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, ____ inches.

Character of day, Clear Moon phase, ____

Average daily cloudiness (0-10), 0

Actual sunshine, hours, 11.7 Possible sunshine, hours, 11.7

Per cent of possible sunshine, 100

Prevailing wind direction, SW Total wind 5

Average hourly velocity, 12.5 Extreme velocity, 2

Maximum velocity, 24 Direction, SW

Time began, 10:03am

Reduced barometer, 30.09 7 a. m. 30.00 7 p. m.

River gage, 1.8 feet

Relative humidity, 65 7 a. m. 46 7 p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

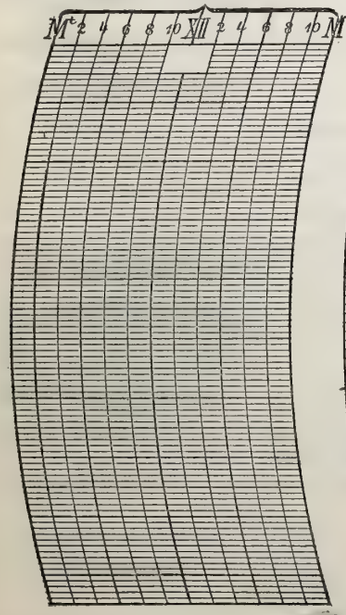
Dry temperature, 60.0 Wet temperature, 46.0

Dew-point, 29 R. humidity, 31 V. pressure, .157

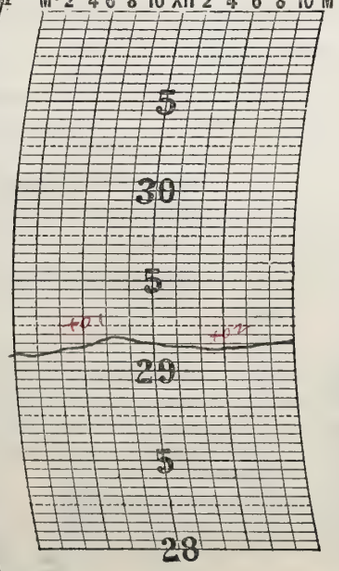
Clouds: Amount, 0; Kind, 0; Direction, 0

Velocity of clouds (miles per hour)

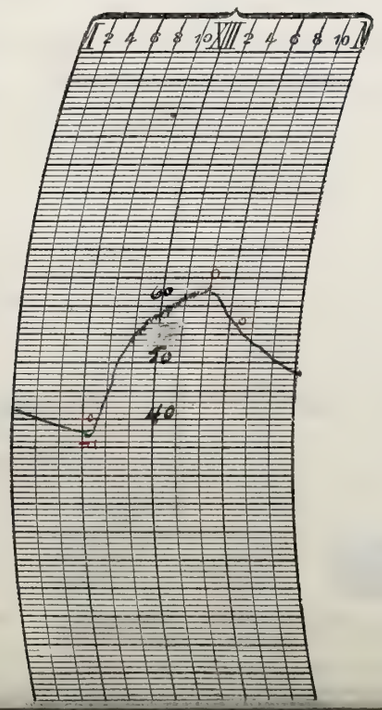
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

Light frost observed this morning. A clear and rather cool day.

Prepared by [illegible]

Verified by P. McDonough

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne Ind, (Day of week) Sunday, (Date) OCT - 3 1920, 192

Time (local standard). 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	47	47	47	47	49	50	53	56	60	61	63	65	66	68	68	68	66	64	63	61	60	58	57	56
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions	?					Cloudy									Pt Cldy				Clear					
Sunrise: Time, Character,	5:40 Cloudy																							
Moonrise:	9:36p																							
Sunset: Time, Character,																					5:20 Cloudy			
Moonset:																					11:33a			
Sunshine (in tenths of hours)						0	0	0	0.5	0.3	0	0.1	0	0.3	1.0	0.7	0	0						
Wind direction	SW	SW	SW	S	S	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW
Wind movement	7	9	11	11	11	11	12	14	15	14	14	14	12	13	14	12	8	7	7	7	7	8	7	7
Maximum velocities (exceeding 29 miles) direction and time																								

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
69	47	58	

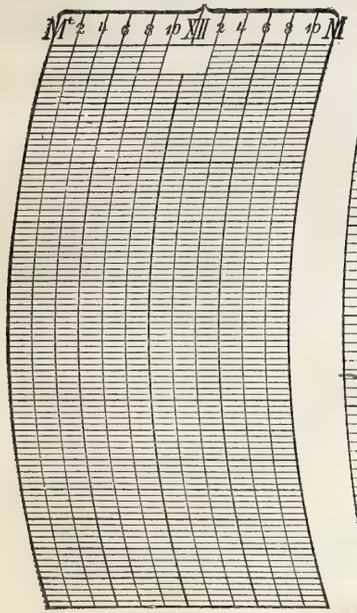
Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Pt Cloudy Moon phase,
Average daily cloudiness (0-10), 7
Actual sunshine, hours, 3.5 Possible sunshine, hours, 11.7
Per cent of possible sunshine, 30
Prevailing wind direction, SW Total wind 254
Average hourly velocity, 10.6 Extreme velocity, 18
Maximum velocity, 17 Direction, SW
Time began, 9:18 a.m.
Reduced barometer, 30.07 7 a. m. 30.08 7 p. m.
River gage, 1.9 Feet
Relative humidity, 59 7 a. m. 66 7 p. m.

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

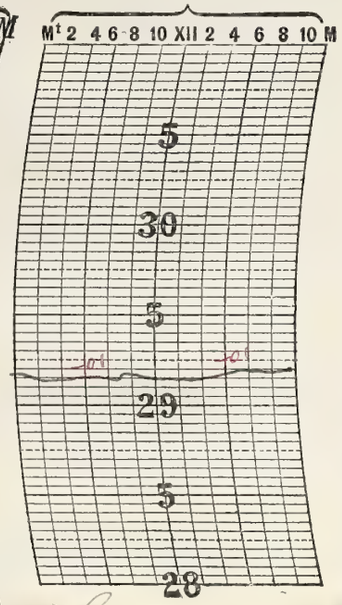
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 65.4 Wet temperature, 54.0
Dew-point, 46 R. humidity, 50 V. pressure, .300
Clouds: Amount, 9; Kind, Sc; Direction, W
Velocity of clouds (miles per hour)

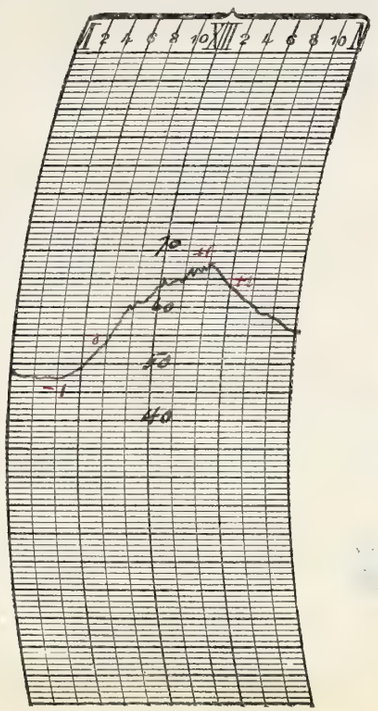
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

A gently cloudy and altogether a pleasing and rather pleasant day.

Prepared by
Verified by P. M. Dorough

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) ~~Saturday~~ Monday, (Date) 4 1920, 192

Time (local standard). 90th mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	55	55	54	53	53	56	59	59	64	67	71	72
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions	Clear											
Sunshine (in tenths of hours)						0.32 / 0	1.0 / 0	0.9 / 0.1	1.0	1.0	1.0	1.0
Wind direction	SW	SW	SW	SW	SW	SW	W	W	W	W	NW	NW
Wind movement	8	9	9	9	12	9	9	7	6	5	9	9

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	73	74	72	71	69	65	61	60	58	56	54	54
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions	Clear											
Sunshine (in tenths of hours)	1.0	1.0	1.0	1.0	0.8 / 0.2	.32 / 0						
Wind direction	NW	NW	NW	NW	NW	NW	NW	N	NW	NW	W	NW
Wind movement	11	15	12	14	12	6	6	6	6	3	5	7

Sunrise: Time, 5:41 Character, Clear
Moonrise: 10:40p
Sunset: Time, 5:19 Character, Clear
Moonset: 12:28p

Maximum velocities (exceeding 29 miles) direction and time.

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

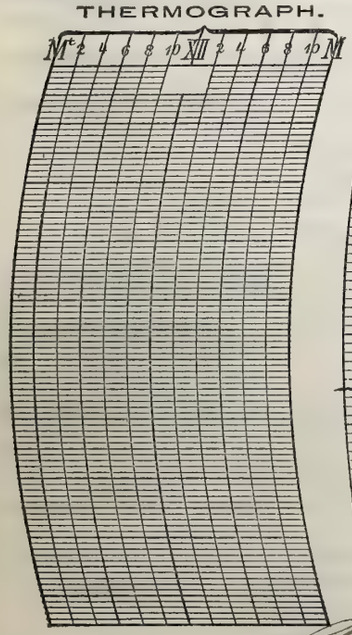
Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
74	53	64	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Clear Moon phase, L.Q. 6:54 am
Average daily cloudiness (0-10), 0
Actual sunshine, hours, 11.6 Possible sunshine, hours, 11.6
Per cent of possible sunshine, 100
Prevailing wind direction, NW Total wind
Average hourly velocity, 8.5 Extreme velocity, 12
Maximum velocity, 18 Direction, NW
Time began, 1:03 p.m.
Reduced barometer, 30.44 7 a. m. 30.227, p. m.
River gage, 2.0 feet
Relative humidity, 75 7 a. m. 20 7 p. m.

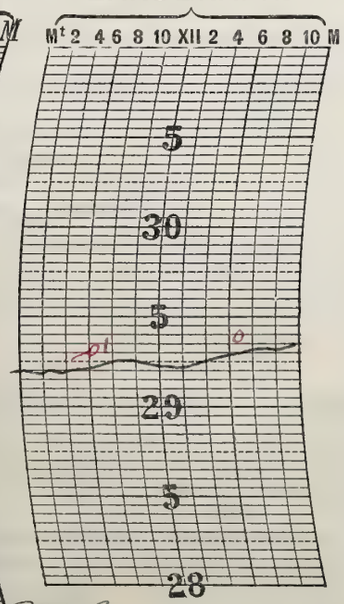
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 72.7 Wet temperature, 54.0
Dew-point, 37 R. humidity, 27 V. pressure, .219
Clouds: Amount, 0; Kind, 0; Direction, 0
Velocity of clouds (miles per hour)

THERMOGRAPH.



BAROGRAPH.



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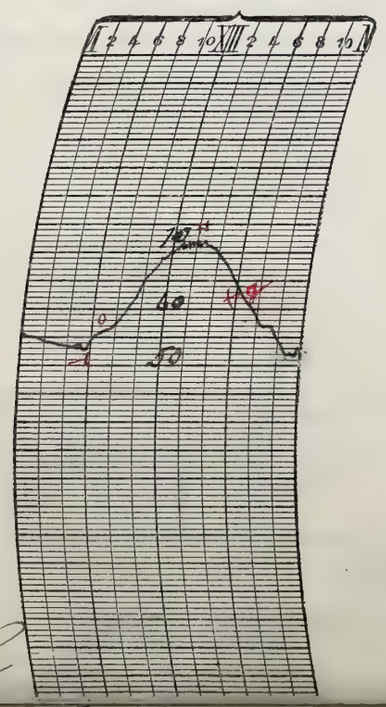


NOTES.

A clear and pleasant day with moderate temperature.

Prepared by

Verified by O. McDonough

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) ~~Sunday~~ Tuesday, (Date) OCT - 5 1920, 192

Time (local standard) 90th mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	52	52	50	48	47	46	46	54	57	59	62	63	64	65	65	64	61	58	56	52	50	49	48	47
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions	Clear												Clear											
Sunrise: Time, Character,	5:42 Clear																				Sunset: Time, Character,	5:17 Clear		
Moonrise:	11:46 P																				Moonset:	1:16 P		
Sunshine (in tenths of hours)						.30 0	0.7 0.3	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.7 0.3	.28 0						
Wind direction	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	NE	NE	NE	NE	E	NE	NE	NE
Wind movement	6	5	5	4	5	5	6	8	9	10	11	9	9	9	9	8	9	7	6	6	7	5	4	5
Maximum velocities (exceeding 29 miles) direction and time																								

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
65	46	56	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow, sleet, and hail on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Clear Moon phase,

Average daily cloudiness (0-10), 1

Actual sunshine, hours, 11.6 Possible sunshine, hours, 11.6

Per cent of possible sunshine, 100

Prevailing wind direction, N Total wind 167

Average hourly velocity, 7.0 Extreme velocity, 14

Maximum velocity, 13 Direction, N

Time began, 12:04 pm

Reduced barometer, 30.38 7 a. m. 30.38 7 p. m.

River gage, 2.0 Feet

Relative humidity, 78 7 a. m. 59 7 p. m.

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

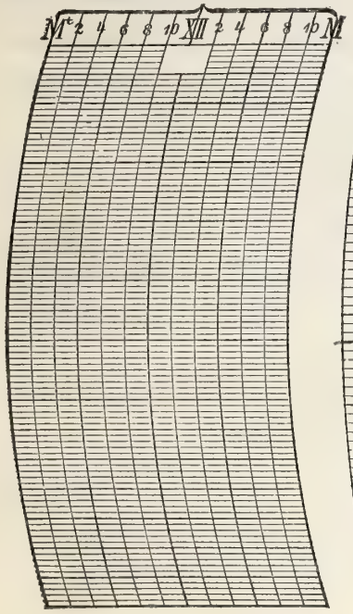
Dry temperature, 63.2 Wet temperature, 50.0

Dew-point, 37 R. humidity, 37 V. pressure, .219

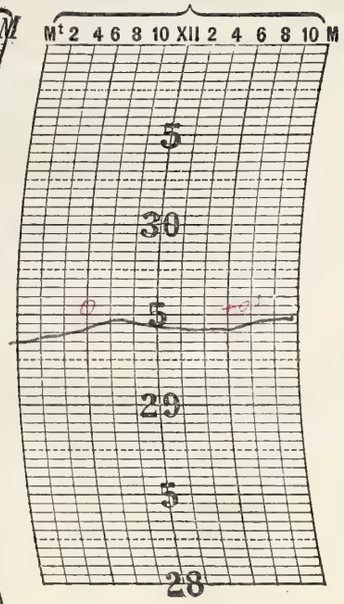
Clouds: Amount, 1; Kind, Cu; Direction, N.

Velocity of clouds (miles per hour)

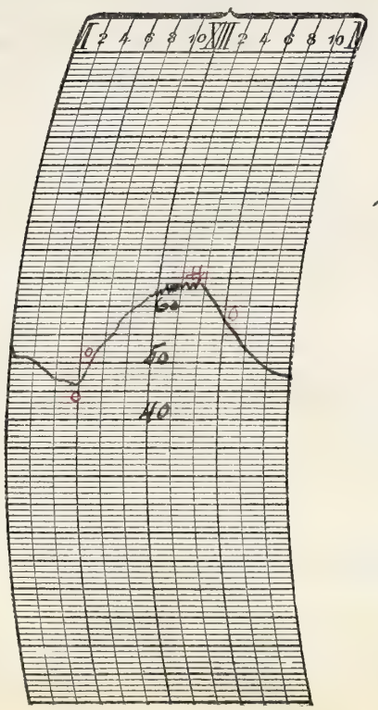
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

Light frost occurred this morning. Warning of light frost embodied in regular am. forecast received from Central Office at 9:32 am. It was published on all bulletins issued.

A clear and cool though rather pleasant day.

Prepared by

Verified by E. P. McDonough

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Wednesday, (Date) [illegible], 192

Time (local standard). 90th mer. normal time.

	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	45	44	43	42	41	40	43	50	55	58	59	61
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions	← Clear											→
Sunshine (in tenths of hours)						28 0	07 03	1.0	1.0	1.0	1.0	1.0
Wind direction	NE	NE	NE	NE	NE	N	N	N	NE	N	NE	NE
Wind movement	5	5	3	3	4	4	3	3	4	6	9	9

	P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	63	64	64	63	61	59	58	55	52	51	50	48
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions	← Clear											→
Sunshine (in tenths of hours)	1.0	1.0	1.0	1.0	08 02	25 0						
Wind direction	NE	NE	NE	NE	E	E	E	E	E	E	E	E
Wind movement	8	8	8	7	5	3	3	3	1	1	1	1

Sunrise: Time, 5:43 Character, Clear
Moonrise: —
Sunset: Time, 5:15 Character, Clear
Moonset: 1:59 p.

Maximum velocities (exceeding 29 miles) direction and time.

Excessive precipitation, accumulated amounts.

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

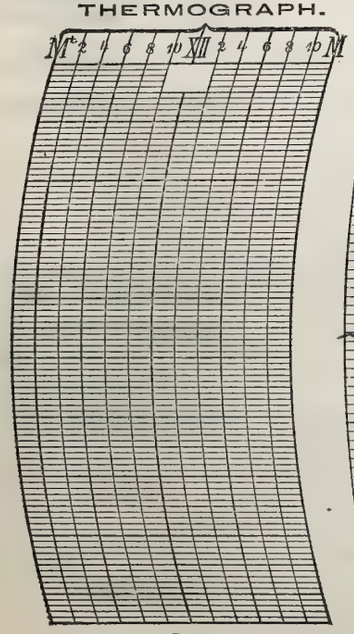
Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
64	40	52	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Clear Moon phase,
Average daily cloudiness (0-10), FEW
Actual sunshine, hours, 11.5 Possible sunshine, hours, 11.5
Per cent of possible sunshine, 100
Prevailing wind direction, NE Total wind 107
Average hourly velocity, 4.5 Extreme velocity, 12
Maximum velocity, 12 Direction, NE
Time began, 12:44 pm
Reduced barometer, 30.46 7 a. m. 30.34 7 p. m.
River gage, 1.9 Feet
Relative humidity, 78 7 a. m. 55 7 p. m.

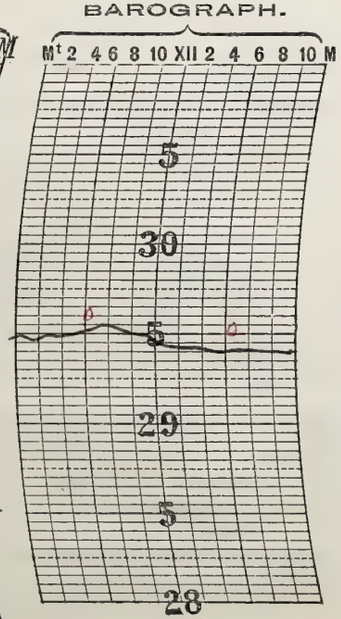
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 60.1 Wet temperature, 48.2
Dew-point, 36 R. humidity, 40 V. pressure, .211
Clouds: Amount, Few; Kind, Cu.; Direction, E
Velocity of clouds (miles per hour)

THERMOGRAPH.



BAROGRAPH.



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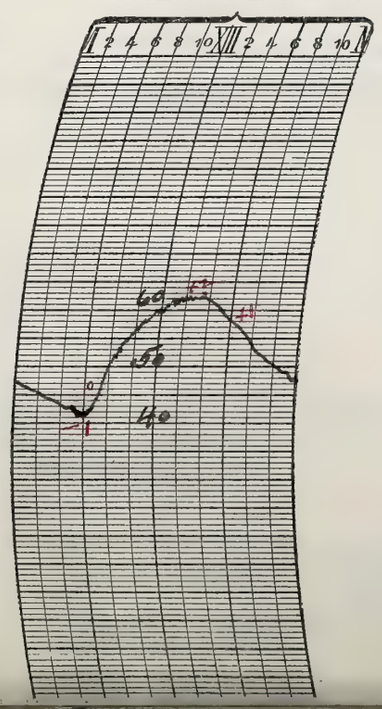


NOTES.

Heavy deposit of frost observed this morning. It is believed some damage was done in exposed places. The day was clear and pleasant.

Prepared by J. P. McDonough

Verified by

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Thursday, (Date) OCT 7, 192

Time (local standard) 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	45	45	43	42	42	42	44	52	57	61	64	66	67	68	68	67	65	63	62	59	57	55	63	57
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions			Clear																					
Sunrise: Time, Character	5.44 Clear																					Sunset: Time, Character	5.14 Clear	
Moonrise	12.56 am																					Moonset	2.38 pm	
Sunshine (in tenths of hours)						.27 0	1.0 0	.08 .02	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	.08 .02	.23 0						
Wind direction	0	E	0	E	E	E	0	E	SW	SW	SW	SW	S	SW	S	SW	S	S	S	S	S	S	S	S
Wind movement	0	1	0	1	2	1	0	3	4	5	5	4	5	5	5	6	6	5	6	6	4	5	5	3
Maximum velocities (exceeding 29 miles) direction and time																								

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
69	41	55	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Clear Moon phase,
Average daily cloudiness (0-10), 0
Actual sunshine, hours, 11.5 Possible sunshine, hours, 11.5
Per cent of possible sunshine, 100
Prevailing wind direction, S Total wind 87
Average hourly velocity, 3.6 Extreme velocity, 7
Maximum velocity, 7 Direction, SW
Time began, 3.24 pm
Reduced barometer, 30.34 7 a. m. 30.19 7, p. m.
River gage, 1.9 feet
Relative humidity, 82 7 a. m. 46 7 p. m.

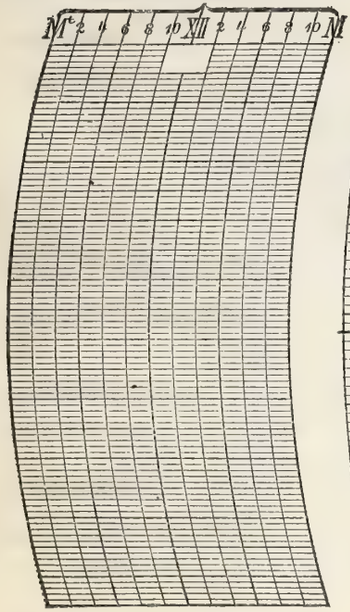
Excessive precipitation, accumulated amounts	Total duration. From—	Total duration. To—	Total amount of precipitation.	Excessive rate. Began—	Excessive rate. Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

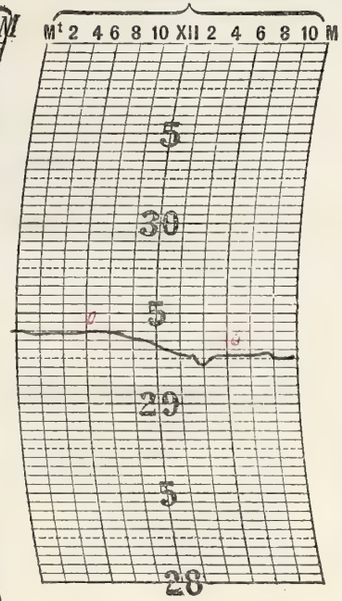
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 65.1 Wet temperature, 51.1
Dew-point, 37 R. humidity, 36 V. pressure, .219
Clouds: Amount, 0; Kind, 0; Direction, 0
Velocity of clouds (miles per hour)

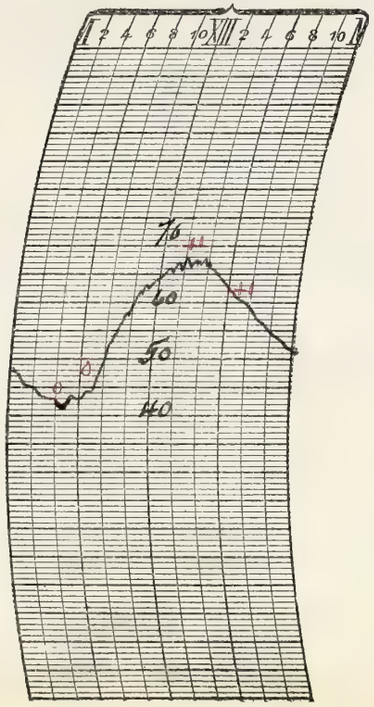
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

A light frost occurred in the early morning.
No damage.
Fine, Clear, and balmy weather.

Prepared by
Verified by P. McDonough

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) [illegible], (Day of week) [illegible], (Date) [illegible], 192

Time (local standard). 90th mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	50	49	46	46	45	43	45	52	61	65	68	70
State of weather. Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions			L								Clear	
Sunshine (in tenths of hours)						25 0	10 0	04 06	10	10	10	10
Wind direction	S	S	S	S	S	S	S	SW	SW	SW	SW	SW
Wind movement	3	4	5	5	4	7	6	7	5	8	10	10

Sunrise: Time, 5:45 Character, Clear

Moonrise: 2:03 am

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	71	72	72	71	68	65	63	61	60	57	55	53
State of weather. Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions										7		
Sunshine (in tenths of hours)	10	10	10	04 06	0	0 20						
Wind direction	SW	SW	SW	SW	SW	SW	S	S	S	SW	SW	SW
Wind movement	11	12	11	9	6	8	8	6	6	8	8	8

Sunset: Time, 5:12 Character, Clear

Moonset: 3:13 pm

Maximum velocities (exceeding 29 miles) direction and time.

Excessive precipitation, accumulated amounts.

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
72	43	58	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow, sleet, and hail on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Clear Moon phase,

Average daily cloudiness (0-10), 1

Actual sunshine, hours, 11.4 Possible sunshine, hours, 11.4

Per cent of possible sunshine, 100

Prevailing wind direction, SW Total wind 175

Average hourly velocity, 7.3 Extreme velocity, 14

Maximum velocity, 14 Direction, SW

Time began, 2:22 P.M.

Reduced barometer, 30.23 7 a. m. 30.13 7, p. m.

River gage, 19 feet

Relative humidity, 68 7 a. m. 36 7 p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

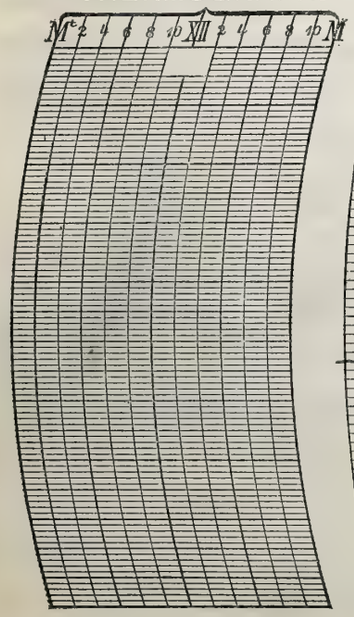
Dry temperature, 69.4 Wet temperature, 51.8

Dew-point, 34 R. humidity, 27 V. pressure, .195

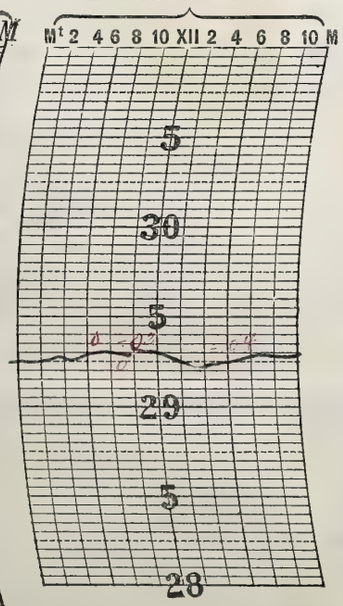
Clouds: Amount, 0; Kind, 0; Direction, 0

Velocity of clouds (miles per hour)

THERMOGRAPH.



BAROGRAPH.



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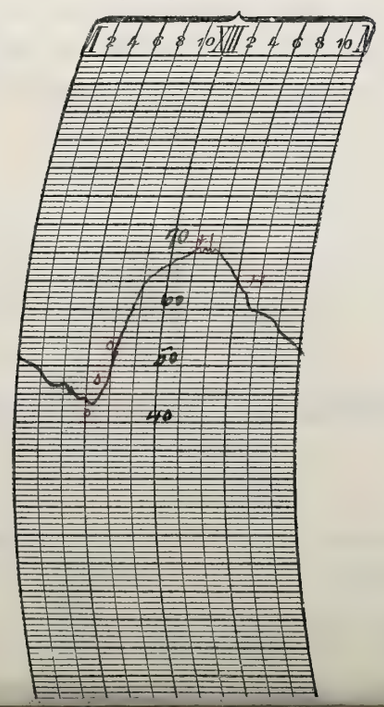


NOTES.

Fine weather, some cirrus clouds, moving from the southwest in the afternoon; pleasant temperature.

Prepared by J. P. McDonough

Verified by

FORM NO. 1017—MOT 1.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Saturday, (Date) [illegible], 192

Time (local standard) 90th mer. normal time.

	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	51	50	49	48	47	46	48	56	64	70	73	75
State of weather. Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions			Clear									
Sunshine (in tenths of hours)						.23 0	1.0 0	0.6 0.4	1.0	1.0	1.0	1.0
Wind direction	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW
Wind movement	7	7	6	6	8	7	8	10	10	10	9	12

	P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	77	78	78	77	73	71	69	66	64	63	62	58
State of weather. Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions												
Sunshine (in tenths of hours)	1.0	1.0	1.0	0.1 0.9	1.0 0	1.0 0						
Wind direction	SW	SW	SW	W	SW	SW	SW	SW	SW	SW	SW	SW
Wind movement	12	12	12	10	7	7	9	7	9	8	8	7

Sunrise: Time, 5.46; Character, Clear. Moonrise: 3.10 am

Sunset: Time, 5.10; Character, Clear. Moonset: 3.46 pm

Maximum velocities (exceeding 29 miles) direction and time.

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
78	46	62	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow, sleet, and hail on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Clear Moon phase,

Average daily cloudiness (0-10), 0

Actual sunshine, hours, 11.4 Possible sunshine, hours, 11.4

Per cent of possible sunshine, 100

Prevailing wind direction, SW Total wind 208

Average hourly velocity, 8.7 Extreme velocity, 16

Maximum velocity, 14 Direction, SW

Time began, 1.10 pm.

Reduced barometer, 30.23 7 a. m. 30.14 7, p. m.

River gage, 1.9 feet

Relative humidity, 69 7 a. m. 43 7 p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

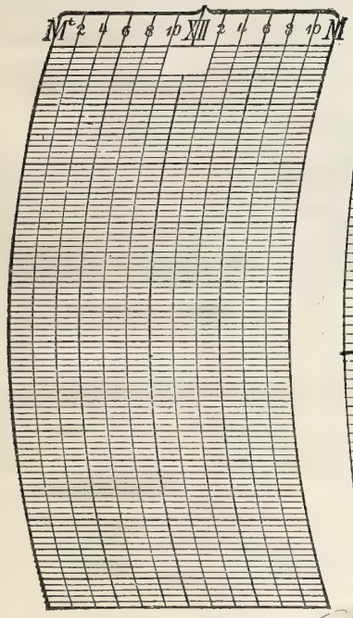
Dry temperature, 74.0 Wet temperature, 56.0

Dew-point, 41 R. humidity, 30 V. pressure, 0.56

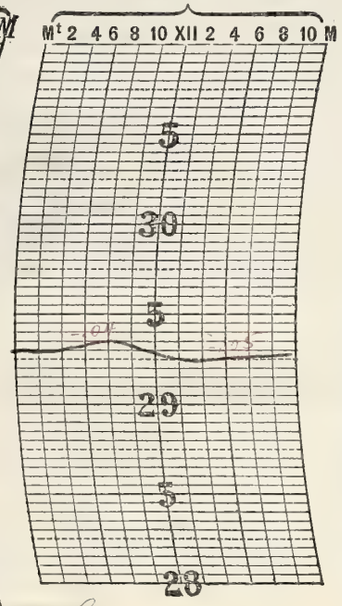
Clouds: Amount, 0; Kind, 0; Direction, 0

Velocity of clouds (miles per hour)

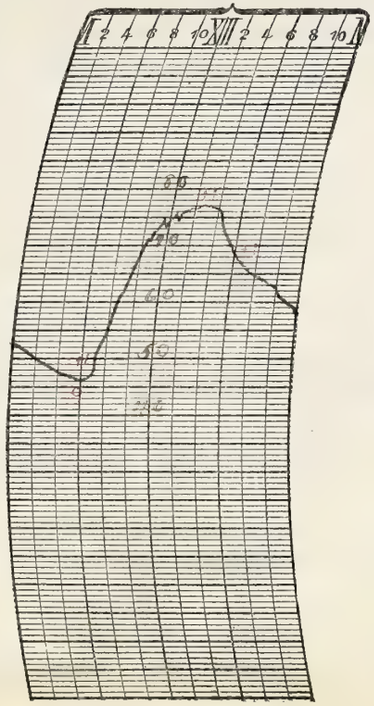
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

A clear and warm day.

Prepared by [illegible]

Verified by [illegible]

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(*Station*) [illegible], (*Day of week*) Sunday, (*Date*) [illegible], 192

Time (local standard). 90th mer. normal time.

	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	58	56	55	55	54	52	53	59	65	69	73	75
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions						Clear						
Sunshine (in tenths of hours)						.22 0	1.0 0	1.5 0	1.0	1.0	1.0	1.0
Wind direction	W	W	W	W	W	W	0	W	W	SE	SE	S
Wind movement	4	4	4	4	3	1	0	2	1	4	6	7
Maximum velocities (exceeding 29 miles) direction and time												

	P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	79	79	79	78	74	70	69	67	64	61	61	61
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions							Clear					?
Sunshine (in tenths of hours)	1.0	1.0	1.0	1.0	1.0 0	1.5 0						
Wind direction	S	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW
Wind movement	8	9	12	11	9	10	11	11	8	9	11	11
Maximum velocities (exceeding 29 miles) direction and time												

Sunrise: Time, 547 Character, Clear. Moonrise: 4:17 am

Sunset: Time, 509 Character, Clear. Moonset: 4:19 pm.

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
80	52	[illegible]	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow, sleet, and hail on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Clear Moon phase,

Average daily cloudiness (0–10), 0

Actual sunshine, hours, 11.4 Possible sunshine, hours, 11.4

Per cent of possible sunshine, 100

Prevailing wind direction, SW Total wind 160

Average hourly velocity, 6.7 Extreme velocity, 15

Maximum velocity, 13 Direction, SW

Time began, 2:02 pm.

Reduced barometer, 30.21 7 a. m. 30.08 7 p. m.

River gage, 1.9 Feet.

Relative humidity, 75 7 a. m. 40 7 p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

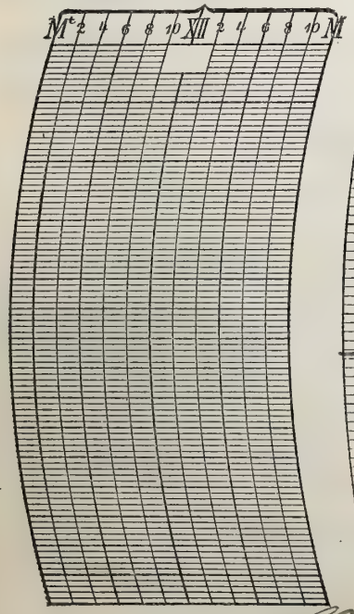
Dry temperature, 75.0 Wet temperature, 59.5

Dew-point, 48 R. humidity, 39 V. pressure, .334

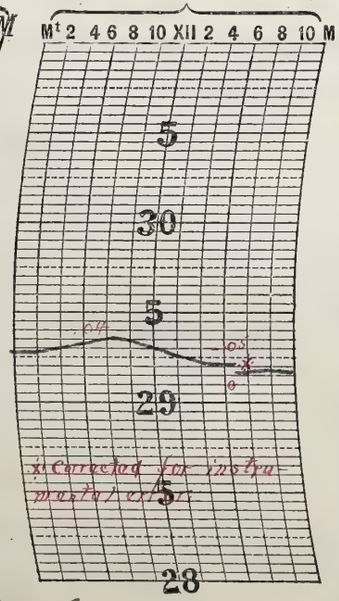
Clouds: Amount, 0; Kind, 0; Direction, 0

Velocity of clouds (miles per hour)

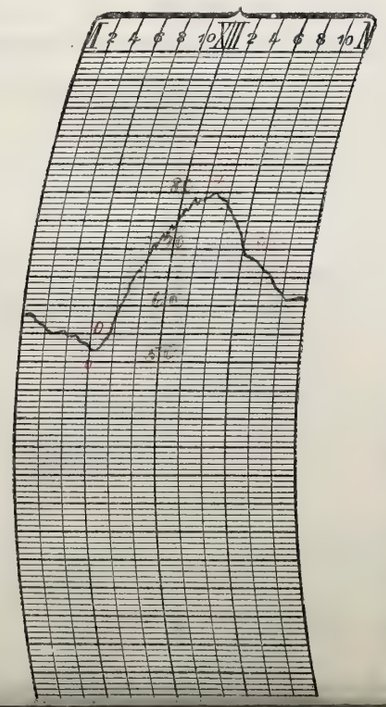
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

Prepared by [illegible]

Verified by [illegible]

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind, (Day of week) Monday, (Date) [illegible], 192

Time (local standard). 90° mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	60	59	59	58	58	[illegible]	60	61	[illegible]	[illegible]	[illegible]	[illegible]
State of weather. Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions	?					Pt. Cloudy						
Sunshine (in tenths of hours)						0	0	0.6	1.0	1.0	0.8	0.8
Wind direction	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW
Wind movement	12	11	12	11	11	12	13	15	16	16	17	18

Sunrise: Time, 5:48 Character, Cloudy. Moonrise: 5.22a

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	81	82	82	82	78	75	74	70	68	67	66	63
State of weather. Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions						Clear						
Sunshine (in tenths of hours)	1.0	1.0	0.9	0.8	1.0 0	1.2 0						
Wind direction	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW
Wind movement	20	22	21	18	13	10	11	10	9	10	10	10

Sunset: Time, 5:07 Character, Clear. Moonset: 4:51P.

Maximum velocities (exceeding 27 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

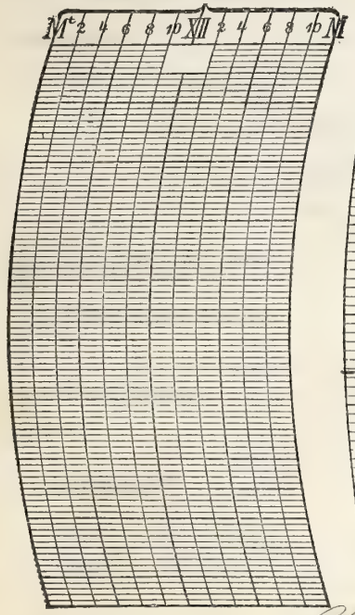
Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
83	58	70	

Total depth of snow for 24 hours ending ?p. m., 0 inches.
Snow, sleet, and hail on ground ? p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to ? a. m., 0 ins.; to ? p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Clear Moon phase, NEW: 6:55P.
Average daily cloudiness (0-10), 3
Actual sunshine, hours, 9.0 Possible sunshine, hours, 11.3
Per cent of possible sunshine, 80
Prevailing wind direction, SW Total wind 282.9
Average hourly velocity, 13.7 Extreme velocity, 30
Maximum velocity, 26 Direction, SW
Time began, 12:18pm.
Reduced barometer, 30.07 ?a. m. 30.03 ?, p. m.
River gage, 1.9 Feet
Relative humidity, 63 ?a. m. 48 ?p. m.

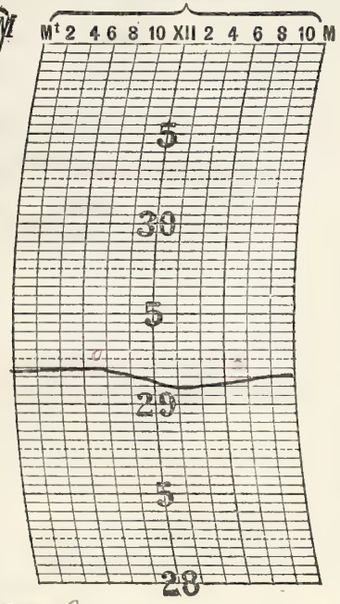
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 78.0 Wet temperature, 62.0
Dew-point, 52 R. humidity, 40 V. pressure, .387
Clouds: Amount, 4; Kind, Cu; Direction, NW
Velocity of clouds (miles per hour)

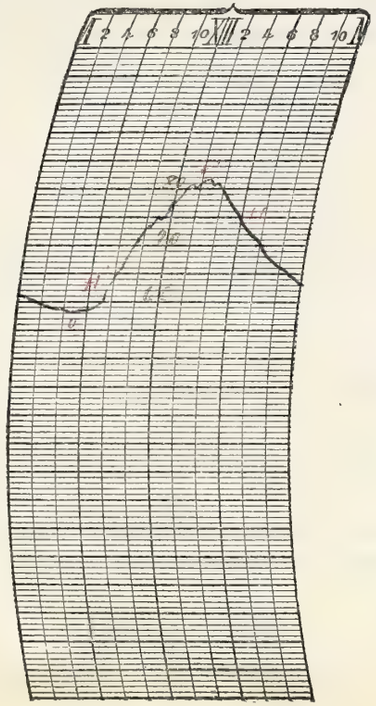
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

Heavy dew on ground at am. observation.
A clear and warm though pleasant day.

Prepared by [illegible]
Verified by

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) [illegible], (Day of week) Tuesday, (Date) Oct 1 1946, 192

Time (local standard). 90° mer. normal time.

	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	62	60	59	58	[illegible]	[illegible]	57	63	72	[illegible]	[illegible]	[illegible]
Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions	← Clear										×	
Sunshine (in tenths of hours)						.18	1.0	0.2				
						0	0	0.8	1.0	1.0	1.0	1.0
Wind direction	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW
Wind movement	9	9	9	8	8	7	9	10	8	9	13	16

Sunrise: Time, 5:49 Character, Clear

Moonrise: 6:26a

	P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	79	79	78	77	75	72	71	69	67	66	65	64
Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions	Pt. Cloudy			×			Clear					?
Sunshine (in tenths of hours)	1.0	1.0	0.6	0.6	0	0						
Wind direction	SW	SW	SW	SW	SW	S	S	S	SW	SW	SW	SW
Wind movement	16	15	15	11	9	8	8	8	9	10	8	9

Sunset: Time, 5:06 Character, Cloudy

Moonset: 5:26p

Maximum velocities (exceeding 29 miles) direction and time

Excessive precipitation, accumulated amounts

Total duration. From—	Total duration. To—	Total amount of precipitation.	Excessive rate. Began—	Excessive rate. Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
79	55	67	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow, sleet, and hail on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Clear Moon phase,

Average daily cloudiness (0–10), 3

Actual sunshine, hours, 9.4 Possible sunshine, hours, 11.3

Per cent of possible sunshine, 83

Prevailing wind direction, SW Total wind 241

Average hourly velocity, 10.0 Extreme velocity, 22

Maximum velocity, 20 Direction, SW

Time began, 12:13 pm

Reduced barometer, 30.14 7 a. m. 30.09 7, p. m.

River gage, 2.0 Feet

Relative humidity, 65 7 a. m. 44 7 p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

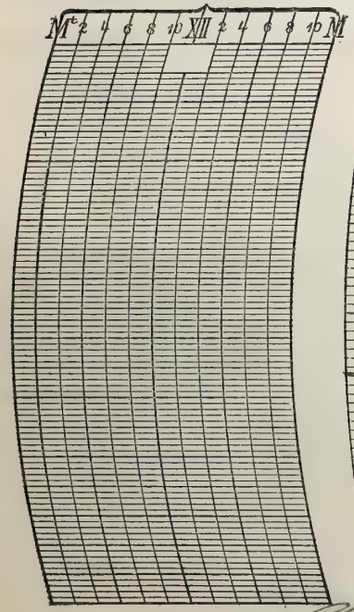
Dry temperature, 78.0 Wet temperature, 57.0

Dew-point, 39 R. humidity, 25 V. pressure, .237

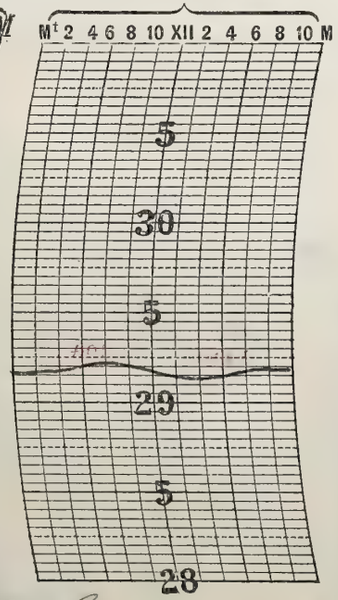
Clouds: Amount, 5; Kind, Cu. St.; Direction, NW.

Velocity of clouds (miles per hour)

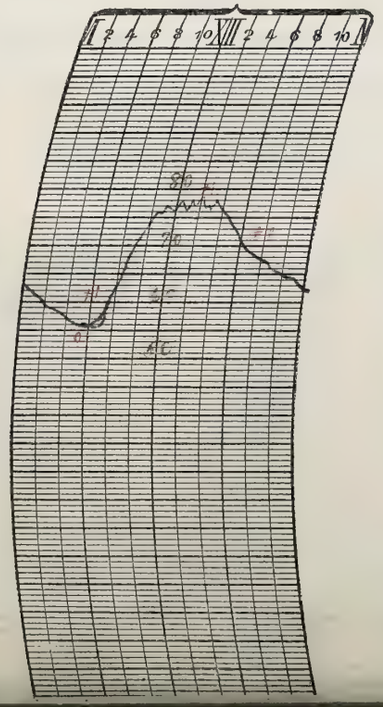
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

A solar halo of 22° was observed from 11:30 am until 12:15 pm. The length of the arc was about 195° and the colors visible were red, orange, yellow, green, and blue.

Prepared by [illegible]

Verified by [illegible]

8—486

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind, (Day of week) [illegible], (Date) [illegible], 192

Time (local standard). 90° mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	62	61	61	60	59	59	60	63	70	74	78	80
State of weather. Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions	?			Pt. Cloudy					×			
Sunrise: Time, Character,	5:51 Cloudy											
Moonrise:	7:28a											
Sunshine (in tenths of hours)						0	0	0.7	1.0	1.0	1.0	1.0
Wind direction	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW
Wind movement	7	8	8	10	9	10	8	10	10	11	13	15

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	81	81	80	79	[illegible]	[illegible]	72	69	67	66	[illegible]	[illegible]
State of weather. Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions						Clear						?
Sunset: Time, Character,									5:04 Cloudy			
Moonset:									6:02p			
Sunshine (in tenths of hours)	1.0	1.0	1.0	0.9	0	0						
Wind direction	SW	SW	SW	SW	SW	SW	S	S	S	SW	SW	SW
Wind movement	16	17	15	15	9	7	8	10	9	8	8	6

Maximum velocities (exceeding 29 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
81	58	70	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow, sleet, and hail on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Clear Moon phase,

Average daily cloudiness (0-10), 3

Actual sunshine, hours, 8.6 Possible sunshine, hours, 11.2

Per cent of possible sunshine, 77

Prevailing wind direction, SW Total wind 247

Average hourly velocity, 10.3 Extreme velocity, 22

Maximum velocity, 40 Direction, SW

Time began, 1:02 pm.

Reduced barometer, 30.15 7 a. m. 30.06 7 p. m.

River gage, 2.0 Feet

Relative humidity, 58 7 a. m. 40 7 p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

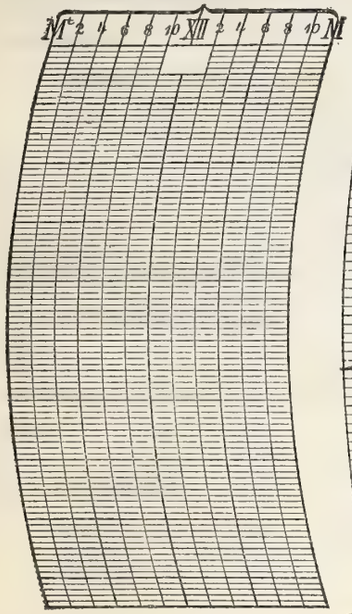
Dry temperature, 79.0 Wet temperature, 59.2

Dew-point, 44 R. humidity, 29 V. pressure, .287

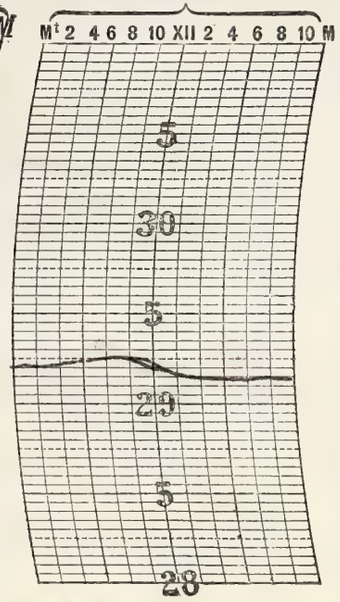
Clouds: Amount, 2; Kind, Ci. St; Direction, W.

Velocity of clouds (miles per hour)

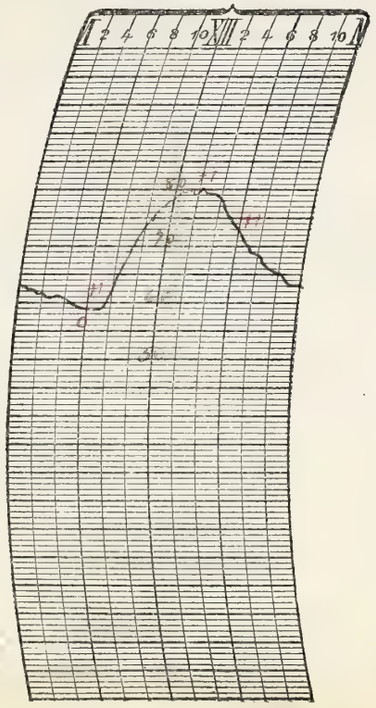
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

A clear and pleasant day with moderate temperatures.

Prepared by [illegible]

Verified by [illegible]

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(*Station*) [illegible], (*Day of week*) Wednesday, (*Date*) [illegible], 192

Time (local standard). 90° mer. normal time.

	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	61	60	59	[illegible]	[illegible]	[illegible]	60	66	72	75	78	80
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions	?	Cloudy										
Sunrise: Time, Character,	5:52 Cloudy											
Moonrise:	8:29a											
Sunshine (in tenths of hours)						0	0	0.5	1.0	1.0	1.0	1.0
Wind direction	S	S	S	S	S	S	S	S	S	SW	SW	SW
Wind movement	7	7	7	9	9	8	10	9	10	12	16	17
Maximum velocities (exceeding 12 miles) direction and time												

	P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	81	80	80	78	76	74	72	69	68	68	67	66
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions	Pt. Cloudy											
Sunset: Time, Character,									5:02 Cloudy			
Moonset:									6:41p			
Sunshine (in tenths of hours)	1.0	1.0	1.0	0.2	0	0						
Wind direction	SW	SW	SW	SW	S	S	S	S	S	S	S	S
Wind movement	18	19	16	13	10	10	9	10	11	9	7	8
Maximum velocities (exceeding 12 miles) direction and time												

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
81	59	[illegible]	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow, sleet, and hail on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Pt. Cloudy Moon phase,

Average daily cloudiness (0-10), 6

Actual sunshine, hours, 7.7 Possible sunshine, hours, 11.2

Per cent of possible sunshine, 69

Prevailing wind direction, Total wind

Average hourly velocity, 10.9 Extreme velocity, 28

Maximum velocity, 26 Direction, S

Time began, 12:07 pm

Reduced barometer, 30.06 7 a. m. 29.99 7 p. m.

River gage, 2.0 Feet

Relative humidity, 52 7 a. m. 61 7 p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

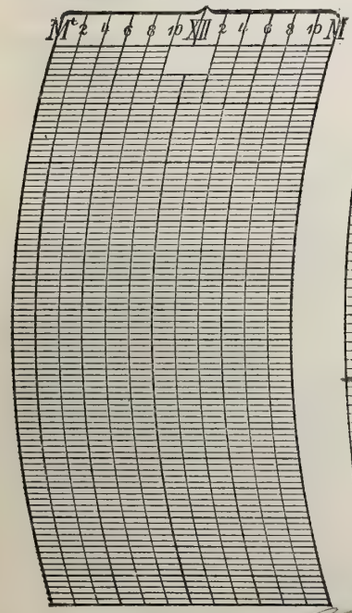
Dry temperature, 80.2 Wet temperature, 60.2

Dew-point, 45 R. humidity, 49 V. pressure, .298

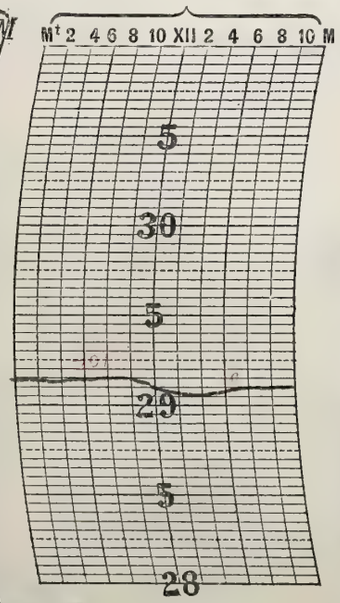
Clouds: Amount, 6; Kind, Cu; Direction, SW

Velocity of clouds (miles per hour)

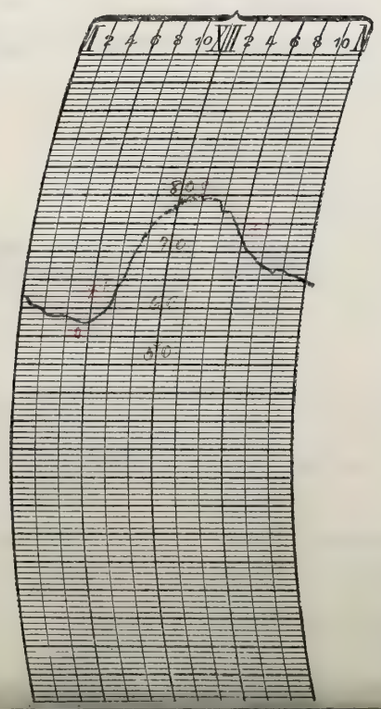
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

A pretty cloudy day with moderately high temperature for the season.

Prepared by [illegible]

Verified by [illegible]

8—486

Form No. 1017—Sept. 1

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Friday, (Date) OCT. 15, 1920, 192

Time (local standard). 90° mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	65	65	65	64	63	63	63	[illegible]	71	75	78	79	80	79	79	78	76	75 RB 5:45	[illegible]	72	71	69	64	61
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																		T	T	T	T	.02	.01	.01
Cloudiness and other conditions	Pt. Cloudy								Clear		Pt. Cloudy		Clear		Pt. Cloudy					Cloudy				
Sunshine (in tenths of hours)						0	0	0.6	1.0	1.0	1.0	1.0	1.0	1.0	0.8	0.5	0	0						
Wind direction	S	S	S	S	S	S	S	S	S	S	S	SW	S	S	S	S	S	S	S	S	S	SW	NW	
Wind movement	7	8	9	9	7	7	8	12	14	17	18	26	25	20	21	19	12	11	11	10	14	15	21	21
Maximum velocities (exceeding 29 miles) direction and time																								

Sunrise: Time, 5:53 Character, Cloudy
Moonrise: 9:25 a
Sunset: Time, 5:01 Character, Cloudy
Moonset: 7:25 p

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
80	61	70	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., T ins.
Total precipitation, midnight to midnight, T inches.
Character of day, Pt. Cloudy Moon phase,
Average daily cloudiness (0-10), 5
Actual sunshine, hours, 7.9 Possible sunshine, hours, 11.1
Per cent of possible sunshine, 71
Prevailing wind direction, S Total wind 3.1.3
Average hourly velocity, 13.0 Extreme velocity, 32
Maximum velocity, Direction,
Time began, 10:00 p.m.
Reduced barometer, 30.04 7 a. m. 29.93 7 p. m.
River gage, 2.0 Feet.
Relative humidity, 62 7 a. m. 7 p. m.

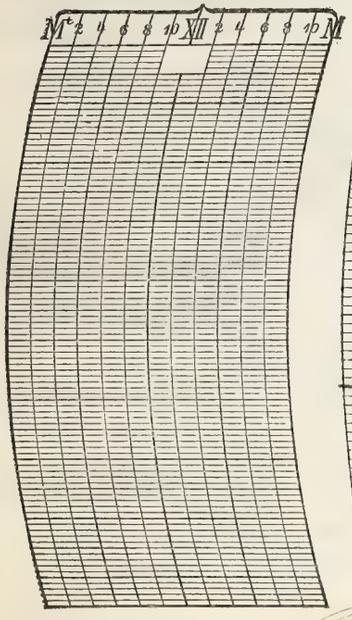
Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

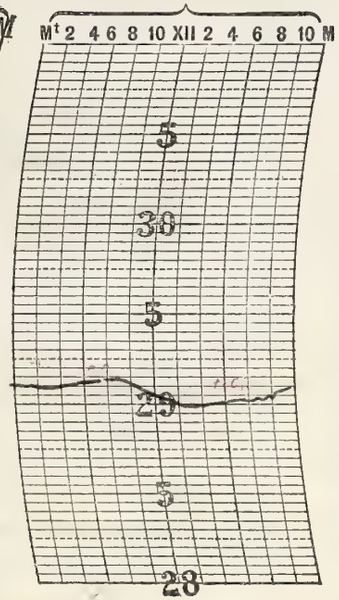
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 78.7 Wet temperature, 61.2
Dew-point, 49 R. humidity, 36 V. pressure, .347
Clouds: Amount, 5; Kind, Cu.; Direction, S.
Velocity of clouds (miles per hour)

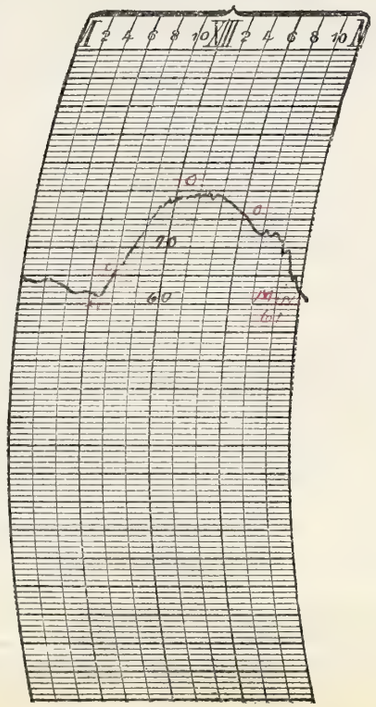
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

A partly cloudy day with moderately high temperatures

Prepared by

Verified by

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(*Station*) [illegible], (*Day of week*) [illegible], (*Date*) [illegible], 192

Time (local standard). 90 mer. normal time.

	A. M.												P. M.											
	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	61	59	59	58	57	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	63	61	59	59	59
State of weather. Nature of precipitation and time of beginning and ending			RE																					
Amounts of precipitation	T		T																					
Cloudiness and other conditions						Clear											Clear							
Sunrise: Time, 5:54 Character, Clear																					Sunset: Time, [illegible] Character, Clear			
Moonrise: [illegible]																					Moonset: [illegible]			
Sunshine (in tenths of hours)						.10 0	1.0 0	0.1 0.9	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	.98 0							
Wind direction	W	SW	SW	SW	SW	SW	SW	SW	W	W	W	W	NW	NW	NW	NW	NW	NW	N	NE	NE	NE	NE	NE
Wind movement	4	6	10	10	10	10	10	12	11	12	11	13	13	11	10	7	6	4	4	5	5	5	4	4
Maximum velocities (exceeding [illegible] miles) direction and time																								

Total duration. From—	Total duration. To—	Total amount of precipitation.	Excessive rate. Began—	Excessive rate. Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
[illegible]	[illegible]	[illegible]	[illegible]

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow, sleet, and hail on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., .05 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, .05 inches.

Character of day, Clear Moon phase, [illegible]

Average daily cloudiness (0-10), Fair

Actual sunshine, hours, 11.1 Possible sunshine, hours, 11.1

Per cent of possible sunshine, 100

Prevailing wind direction, SW Total wind 177

Average hourly velocity, 8.2 Extreme velocity, 10

Maximum velocity, 15 Direction, NW

Time began, 12:30 pm

Reduced barometer, 30.12 7 a. m. 30.22 7 p. m.

River gage, Bureau

Relative humidity, 82 7 a. m. [illegible] p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

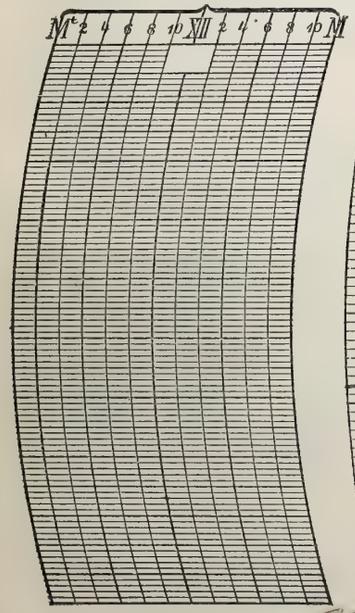
Dry temperature, 71.0 Wet temperature, 61.0

Dew-point, 55 R. humidity, 56 V. pressure, .432

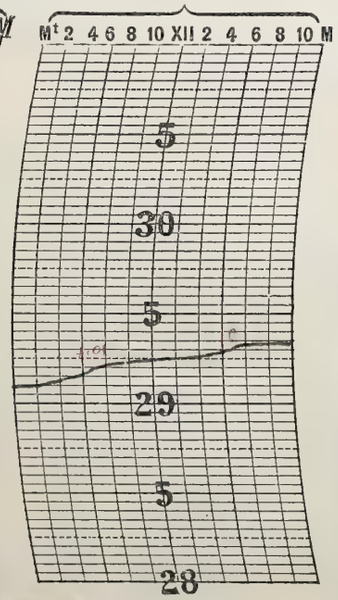
Clouds: Amount, 6 Cu; Kind, Cu; Direction, [illegible]

Velocity of clouds (miles per hour)

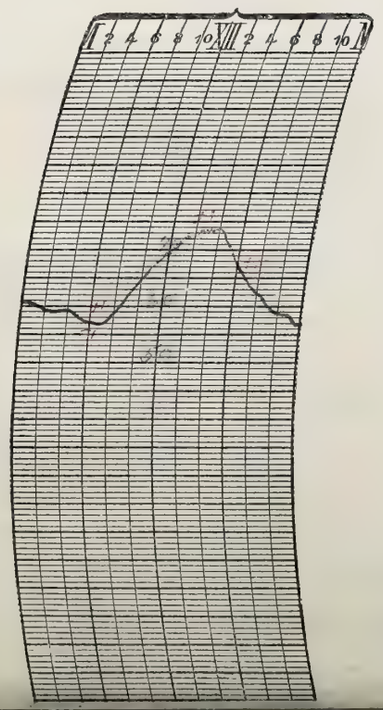
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

Prepared by [illegible]

Verified by [illegible]

8—486

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind, (Day of week) Sunday, (Date) [illegible], 192

Time (local standard). 90th mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	57	56	54	52	50	50	50	51	53	56	62	66
State of weather. Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions	7			Foggy			×		Pt Cloudy			×
Sunrise: Time, 5:55 Character, Foggy												
Moonrise: 11:04a												
Sunshine (in tenths of hours)						0	0	0	0.2	1.0	1.0	1.0
Wind direction	NE	NE		E	NE	E	NE	E	E	E	E	SE
Wind movement	3				4	4	4	2	4	4	4	5
Maximum velocities (exceeding ___ miles) direction and time												

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	70	71	72	71	69	66	64	62	61	60	58	57
State of weather. Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions	×	Cloudy	×	Pt Cloudy	×		Cloudy					
Sunset: Time, 4:58 Character, Cloudy												
Moonset: 9:02p												
Sunshine (in tenths of hours)	1.0	0.8	0.2	0	0							
Wind direction	E	E	E	E	E	E	E	E	E	E	E	
Wind movement	5	5	5	5	5	6	8	7	8	8	7	6
Maximum velocities (exceeding ___ miles) direction and time												

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
72	49	60	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow, sleet, and hail on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Pt Cloudy Moon phase,

Average daily cloudiness (0-10), 7

Actual sunshine, hours, 5.2 Possible sunshine, hours, 11.0

Per cent of possible sunshine,

Prevailing wind direction, E Total wind 125

Average hourly velocity, Extreme velocity, 11

Maximum velocity, 11 Direction, E

Time began, 8:05a

Reduced barometer, 30.33 7 a. m. 30.25 7 p. m.

River gage, 1.8 Feet

Relative humidity, 98 7 a. m. 90 7 p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

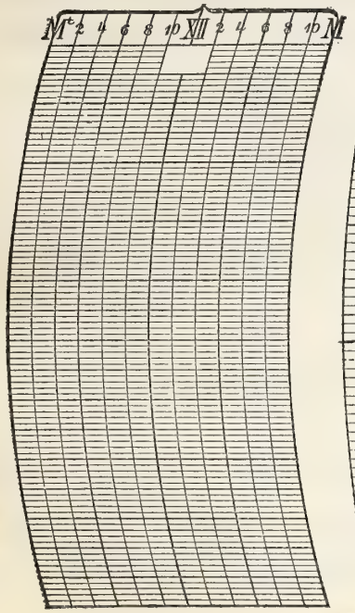
Dry temperature, 68.8 Wet temperature, 60.8

Dew-point, 56 R. humidity, 64 V. pressure, .448

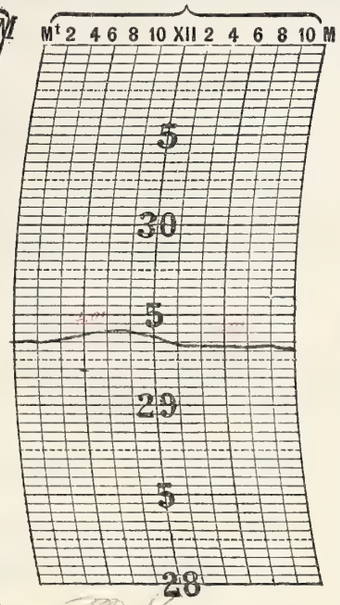
Clouds: Amount, 7; Kind, A St.; Direction, SW.

Velocity of clouds (miles per hour)

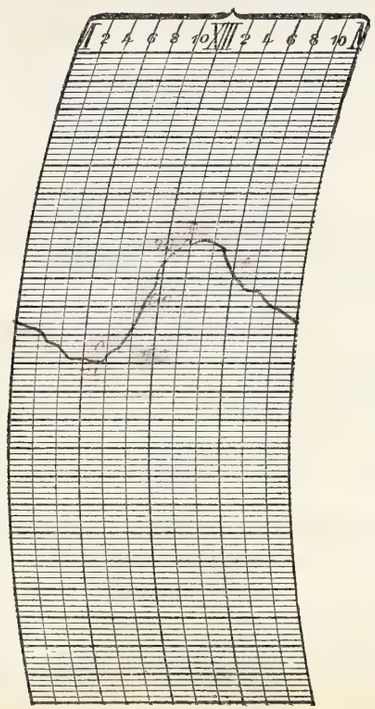
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

Dense Fog began 10 M.A. ended 7:15 am.
Light Fog began 7:15a, ended [illegible]
A partly cloudy day with moderate temperature and altogether quite pleasant.

Prepared by [illegible]

Verified by [illegible]

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Monday, (Date) ....., 192

Time (local standard). ... mer. normal time.	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	55	54	53	53	52	52	52	58	61	68	70	72	77	77	78	76	70	65	66	64	64	60	63	67
State of weather. Nature of precipitation and time of beginning and ending																	RB 4 40							
Amounts of precipitation																	.02	.03	T					
Cloudiness and other conditions						Cloudy											Cloudy							2
	Sunrise: Time, 5:56 Character, Cloudy. Moonrise: 10:41																				Sunset: Time, 6:56 Character, Cloudy. Moonset: 9:22 P			
Sunshine (in tenths of hours)						0	0	0	0	0	0	0	0.4	0.9	0	0	0							
Wind direction	E	E	E	E	E	E	E	SE	SE	E	S	S	S	S	S	E	S	SW	E	E	E	E	O	E
Wind movement	5	6	6	4	4	4	4	4	2	1	5	3	6	5	4	3	8	7	5	4	4	2	0	2
Maximum velocities (exceeding ... miles) direction and time																								

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
70	55	[illegible]	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow, sleet, and hail on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., .05 ins.

Total precipitation, midnight to midnight, .05 inches.

Character of day, Cloudy Moon phase, ...

Average daily cloudiness (0–10), 7

Actual sunshine, hours, 2.2 Possible sunshine, hours, 11.0

Per cent of possible sunshine, 2

Prevailing wind direction, S Total wind 28

Average hourly velocity, ... Extreme velocity, ...

Maximum velocity, 12 Direction, SW

Time began, 4:30 pm

Reduced barometer, 30.23 7 a. m. 30.19 7 p. m.

River gage, 1.9 Feet

Relative humidity, 0 7 a. m. .. p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

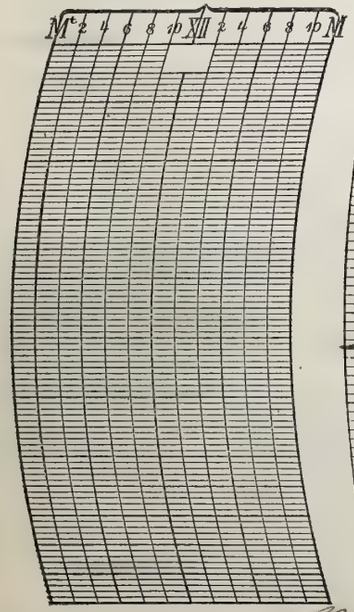
Dry temperature, 73.1 Wet temperature, 61.0

Dew-point, 53 R. humidity, 50 V. pressure, .402

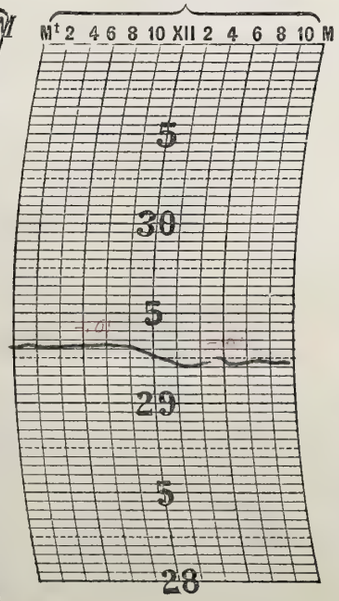
Clouds: Amount, 8; Kind, Ast.; Direction, NW

Velocity of clouds (miles per hour)

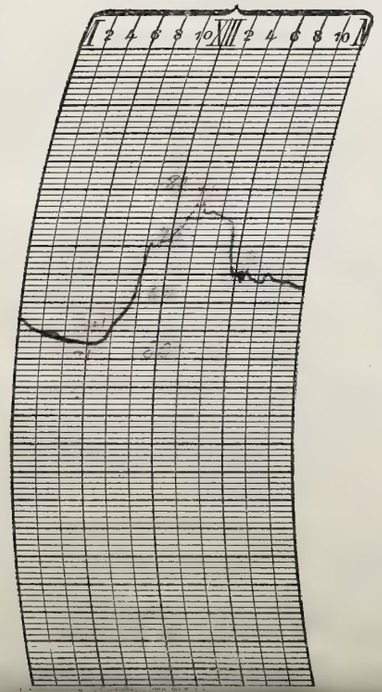
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

Thunderstorm. — First thunder heard at 5:00 p.m., last thunder heard at 5:15 p.m. The storm moved from west to east, was light in character and accompanied by light shower of rain.

Heavy dew on the ground this morning.

Prepared by .....

Verified by .....

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Tuesday, (Date) Nov 19, 192

Time (local standard). 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	60	61	61	60	59	59	62	65	69	73	78	80
State of weather. Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions						Clear						
Sunrise: Time, Character,	5:52 Clear											
Moonrise:	12:26p											
Sunshine (in tenths of hours)						.05 0	1.0 0	0.5 0.4	1.0	1.0	1.0	1.0
Wind direction	E	E	E	E	S	S	S	S	SW	SW	SW	SW
Wind movement	1	1	1	3	4	4	4	6	8	7	8	10
Maximum velocities (exceeding ___ miles) direction and time												

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	80	81	80	79	76	74	73	70	69	67	66	65
State of weather. Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions					Clear							?
Sunset: Time, Character,									4:55 Cloudy			
Moonset:									10:50p			
Sunshine (in tenths of hours)	0.8	1.0	1.0	0.7	0							
Wind direction	SW	SW	SW	SW	SW	S	S	S	S	S	S	S
Wind movement	10	10	13	13	6	8	6	6	6	7	7	8
Maximum velocities (exceeding ___ miles) direction and time												

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

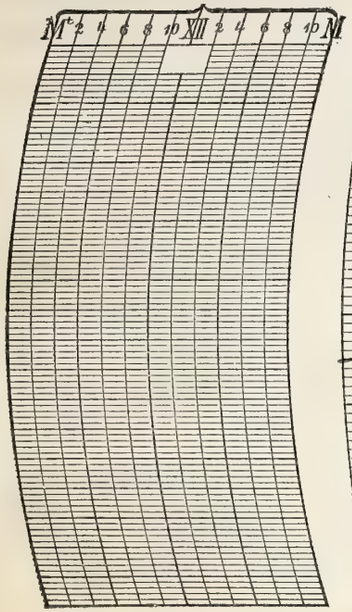
Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
80	59	70	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Clear Moon phase, F.Q. 6:23a
Average daily cloudiness (0-10), 2
Actual sunshine, hours, 9.4 Possible sunshine, hours, 11.0
Per cent of possible sunshine, 85
Prevailing wind direction, S Total wind
Average hourly velocity, Extreme velocity,
Maximum velocity, Direction,
Time began,
Reduced barometer, a. m. 30 p. m.
River gage, 1.9 feet
Relative humidity, a. m. 47 p. m.

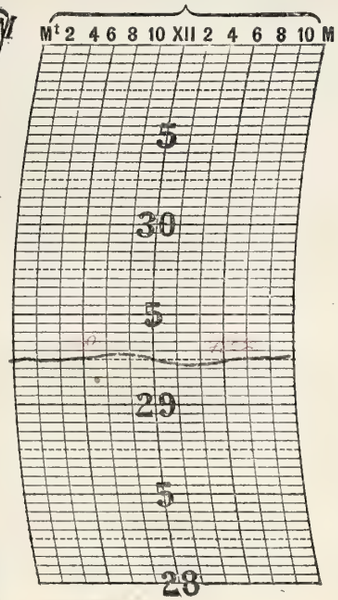
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 80.0 Wet temperature, 63.0
Dew-point, 52 R. humidity, 38 V. pressure, .397
Clouds: Amount, 1; Kind, Ast; Direction, W
Velocity of clouds (miles per hour)

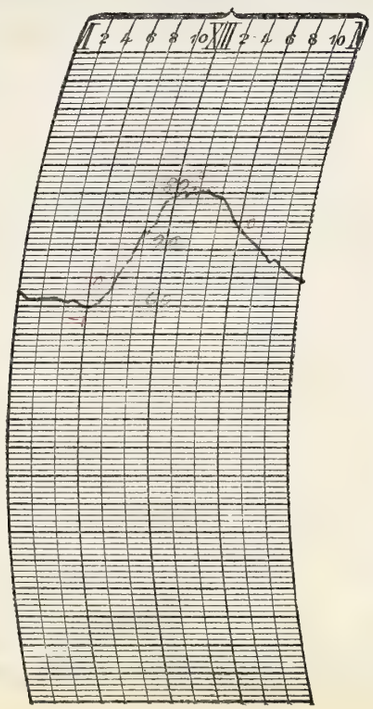
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

Heavy dew observed this morn.
A clear and pleasant day
though temperatures were somewhat
above normal.

Prepared by

Verified by

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(*Station*) [illegible], (*Day of week*) [illegible], (*Date*) [illegible], 192

Time (local standard). 90 mer. normal time.

	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	63	64	63	62	62	60	62	63	70	76	79	80
State of weather. Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions	2					1½	Cloudy					
Sunrise: Time, 5:53 Character, Cloudy												
Moonrise: 1:51 p												
Sunshine (in tenths of hours)						0	0.3 0	0.4 0.4	1.0	1.0	1.0	1.0
Wind direction	S	S	SW	S	SW	S	S	S	SW	SW	SW	SW
Wind movement	6	7	7	7	7	6	7	8	7	8	11	11
Maximum velocities (exceeding [illegible] miles) direction and time												

	P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	81	81	81	79	77	75	74	70	68	67	65	64
State of weather. Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions							8:00					
Sunset: Time, 4:53 Character, Clouds												
Moonset: 11:40 p												
Sunshine (in tenths of hours)	1.0	1.0	1.0	1.0	0.7							
Wind direction	SW	SW	SW	SW	SW	SW	SW	SW	S	S	S	S
Wind movement	10	11	11	8	4	4	4	4	5	6	6	5
Maximum velocities (exceeding [illegible] miles) direction and time												

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

Excessive precipitation, accumulated amounts

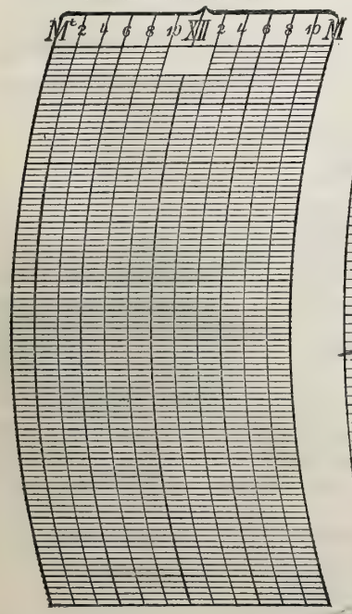
Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
[illegible]	[illegible]	[illegible]	

Total depth of snow for 24 hours ending 7 p. m., ____ inches.
Snow, sleet, and hail on ground 7 p. m., ____ inches.
Total snowfall, midnight to midnight, ____ inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., ____ ins.
Total precipitation, midnight to midnight, ____ inches.
Character of day, [illegible] Moon phase, ____
Average daily cloudiness (0-10), ____
Actual sunshine, hours, 9.4 Possible sunshine, hours, 16.7
Per cent of possible sunshine, [illegible]
Prevailing wind direction, [illegible] Total wind ____
Average hourly velocity, 7.2 Extreme velocity, ____
Maximum velocity, 13 Direction, [illegible]
Time began, ____
Reduced barometer, 29.44 7 a. m. ____ 7 p. m.
River gage, 19 Foot
Relative humidity, 63 a. m. ____ p. m.

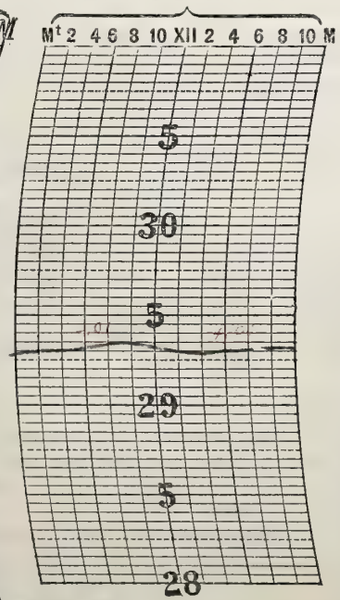
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 79.4 Wet temperature, 63.0
Dew-point, 53 R. humidity, 40 V. pressure, .402
Clouds: Amount, 5; Kind, CSt; Direction, W
Velocity of clouds (miles per hour) ____

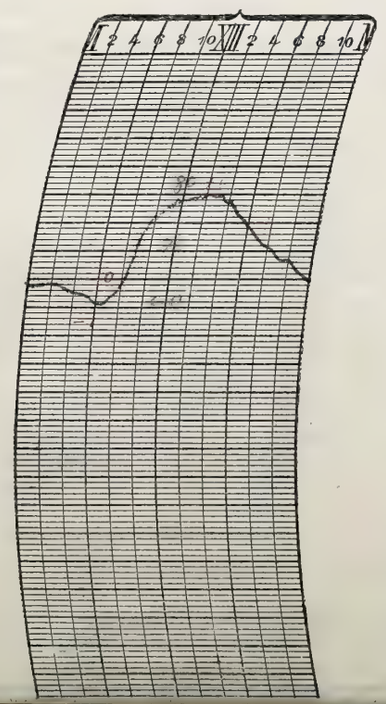
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

A fairly cloudy day with the temperature [illegible]

Prepared by ____

Verified by [illegible]

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(*Station*) Fort Wayne, Ind, (*Day of week*) Thursday, (*Date*) [illegible], 192

Time (local standard). 5 mer. normal time.

	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	63	62	61	60	59	59	[illegible]	63	68	74	77	78
State of weather. Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions	Clear											
Sunshine (in tenths of hours)						.02 0	0.9 0.1	1.0	1.0	1.0	1.0	[illegible]
Wind direction	S	S	SW	SW	SW	SW	SW	[illegible]	[illegible]			[illegible]
Wind movement												
Maximum velocities (exceeding [illegible] miles) direction and time												

Sunrise: Time, 5:59 Character, Clear
Moonrise: 12:34 a.

	P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	79	79	80	79	76	74	73	69	67	66	64	63
State of weather. Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions	Clear											
Sunshine (in tenths of hours)	1.0	1.0	1.0	1.0	.49							
Wind direction	SW	SW	SW	SW	SW	SW	SW	SW	SW			
Wind movement												
Maximum velocities (exceeding [illegible] miles) direction and time												

Sunset: Time, 4:59 Character, Clear
Moonset: —

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
81	58	70	

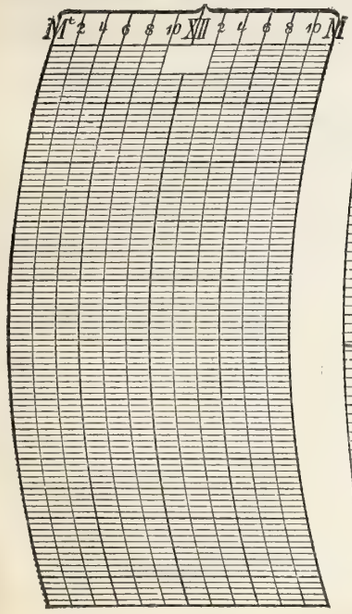
Total depth of snow for 24 hours ending 7 p. m., ____ inches.
Snow, sleet, and hail on ground ____ p. m., ____ inches.
Total snowfall, midnight to midnight, ____ inches.
Precipitation to 7 a. m., 2 ins.; to 7 p. m., ____ ins.
Total precipitation, midnight to midnight, ____ inches.
Character of day, Clear Moon phase, ____
Average daily cloudiness (0–10), ____
Actual sunshine, hours, 10.2 Possible sunshine, hours, ____
Per cent of possible sunshine, 100
Prevailing wind direction, SW Total wind ____
Average hourly velocity, 3.2 Extreme velocity, ____
Maximum velocity, 12 Direction, ____
Time began, 12
Reduced barometer, 30.20 a. m. ____, p. m.
River gage, ____
Relative humidity, 8[illegible] a. m. ____ p. m.

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

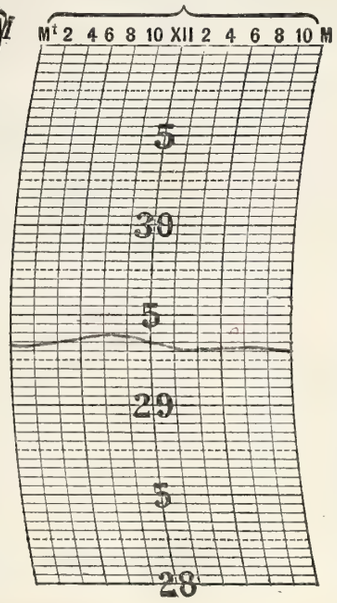
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 78.8 Wet temperature, [illegible]
Dew-point, 53 R. humidity, 41 V. pressure, [illegible]
Clouds: Amount, 1; Kind, Cu; Direction, ____
Velocity of clouds (miles per hour) ____

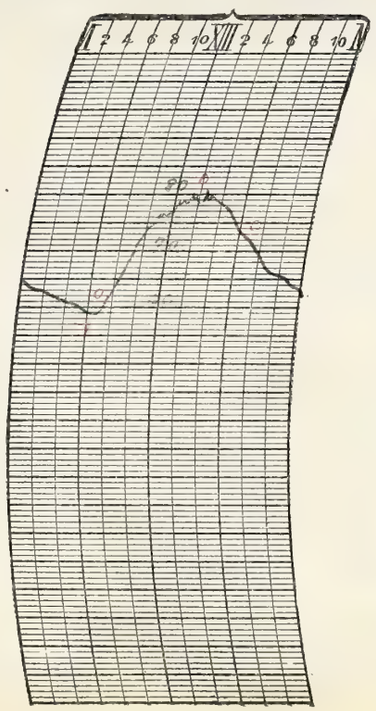
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

A clear day with temperatures somewhat above the seasonal average.

Prepared by ____

Verified by ____

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(*Station*) [illegible], (*Day of week*) [illegible], (*Date*) [illegible], 192

Time (local standard). ____ mer. normal time.	A. M.												P. M.											
	12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	61	59	59	59	58	59	[illegible]	69	69	74	79	80	80	80	80	79	70	74	73	69	68	66	65	65
State of weather. Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions						Clear											Clear							?
Sunrise: Time, 6:00 Character, Clouds																					Sunset: Time, 7:05 Character, Cloudy			
Moonrise: 2:00																					Moonset: 12:45a			
Sunshine (in tenths of hours)							0.2	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.3							
Wind direction	SW	SW	SW	SW			SW	SW	SW	SW	SW	SW	SW	SW	SW	W	W	W	W	E	E	E	E	SE
Wind movement	4	3	5	4	4		2	2	1	2			7	8	6	5	1	2	5	4	4	2	3	3
Maximum velocities (exceeding ____ miles) direction and time																								

Total duration. From—	Total duration. To—	Total amount of precipitation.	Excessive rate. Began—	Excessive rate. Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

Excessive precipitation, accumulated amounts

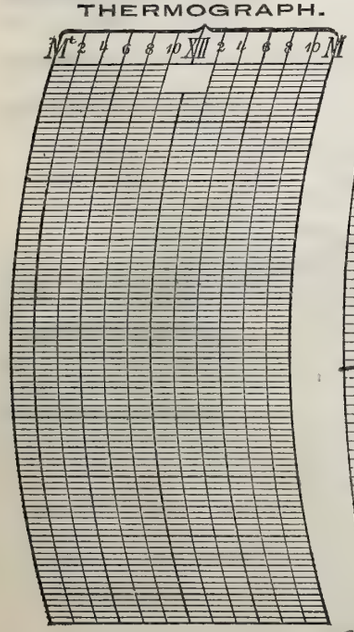
Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
81	56	66.6	

Total depth of snow for 24 hours ending ____ p. m., 0 inches.
Snow, sleet, and hail on ground ____ p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to ____ p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Clear Moon phase, ____
Average daily cloudiness (0–10), 2
Actual sunshine, hours, 9.5 Possible sunshine, hours, ____
Per cent of possible sunshine, 88
Prevailing wind direction, SW. Total wind 85
Average hourly velocity, 3.5 Extreme velocity, 10
Maximum velocity, 10 Direction, SW
Time began, 1:19 pm.
Reduced barometer, 30.07 a. m. 30.12, p. m.
River gage, ____
Relative humidity, 78 a. m. 48 p. m.

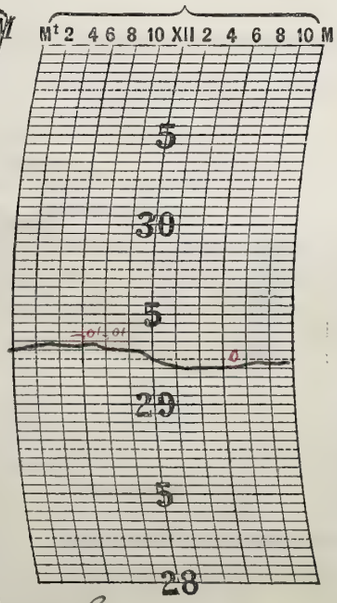
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 80.0 Wet temperature, ____
Dew-point, 62 R. humidity, 56 V. pressure, ____
Clouds: Amount, ____; Kind, ____; Direction, ____
Velocity of clouds (miles per hour) ____

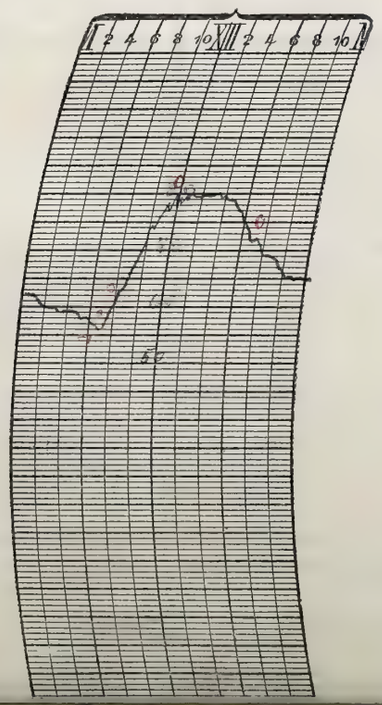
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

Heavy dew [illegible]

Prepared by [illegible]

Verified by [illegible]

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Saturday, (Date) [illegible], 192

Time (local standard). 90th mer. normal time.	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	61	60	60	57	58	53	[illegible]	61	70	73	77	82	80	80	80	78	76	75	76	71	69	69	62	[illegible]
State of weather. Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions	?				Pt. Cloudy						×						Cloudy							
Sunrise: Time, 6:02 Character, Cloudy																								
Moonrise: 2:35p																								
Sunset: Time, 11:40 Character, Cloudy																								
Moonset: 1:45a																								
Sunshine (in tenths of hours)							0.1	1.0	1.0	1.0	1.0	1.0	[illegible]											
Wind direction	SE	E	E	SE	SE	SE	SE	SE	S	S	S	S	S	S	S	S	SE	[illegible]	[illegible]					
Wind movement	3	3	3	2	3	3	3	1	4	4	5	7	6	9	6	7	2	6			1	1	5	[illegible]
Maximum velocities (exceeding [illegible] miles) direction and time																								

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
81	54	65	

Total depth of snow for 24 hours ending 7 p. m., ____ inches.
Snow, sleet, and hail on ground ____ p. m., ____ inches.
Total snowfall, midnight to midnight, ____ inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., ____ ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Pt. Cloudy Moon phase, ____
Average daily cloudiness (0-10), ____
Actual sunshine, hours, 8.7 Possible sunshine, hours, 10.6
Per cent of possible sunshine, 81
Prevailing wind direction, S Total wind 5
Average hourly velocity, 9.9 Extreme velocity, ____
Maximum velocity, ____ Direction, ____
Time began, ____
Reduced barometer, [illegible] a. m. [illegible], p. m.
River gage, ____
Relative humidity, 72 a. m. [illegible] p. m.

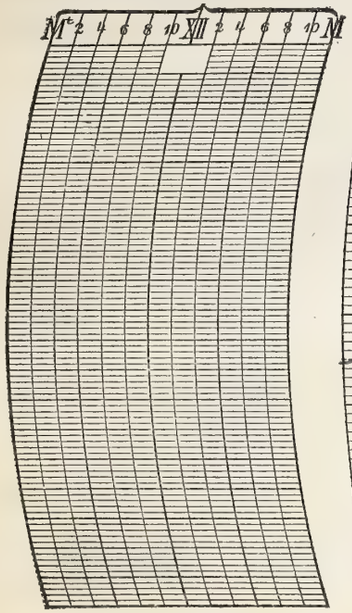
Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

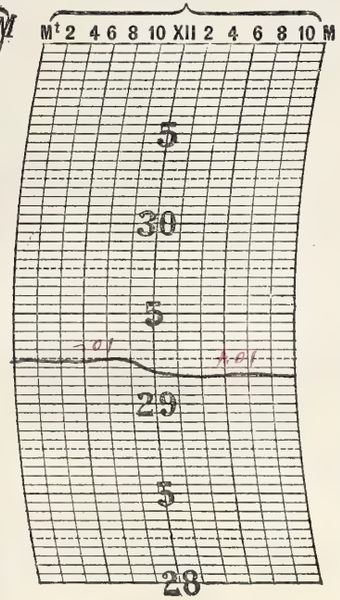
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 80.0 Wet temperature, 63.0
Dew-point, 52 R. humidity, 38 V. pressure, 30.1
Clouds: Amount, 0; Kind, ____; Direction, ____
Velocity of clouds (miles per hour) ____

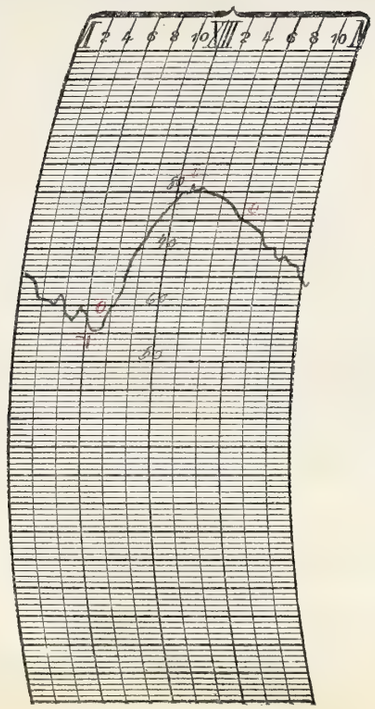
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

A partly cloudy day with unusually warm [illegible] A very faint solar halo at 2p.m. with the arc complete near [illegible] [illegible]

Prepared by [illegible]
Verified by [illegible]

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(*Station*) [illegible], (*Day of week*) Sunday, (*Date*) [illegible], 192

Time (local standard). ____ mer. normal time.

	A. M.												P. M.											
	12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	65	63	62	61	59	62	[illegible]	59	63	66	69	[illegible]	72	70	68	65	63	64	61	59	58	56	50	53
State of weather. Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions	Cloudy												Cloudy											
	Sunrise: Time, [illegible] Character, [illegible] Moonrise: [illegible]																				Sunset: Time, [illegible] Character, Cloudy Moonset: [illegible]			
Sunshine (in tenths of hours)							0	0.1	1.0	1.0	1.0	1.0	1.0	1.0	0.5	0	0							
Wind direction	S	S	S	S	S	SE	S	[illegible]					W	W	[illegible]	[illegible]	N	N	N	N	[illegible]	[illegible]	[illegible]	[illegible]
Wind movement	2	1	2	3	2	4	3	2	2	3	2	4	6	4	7	1	5	4	3	5	6	5	4	2
Maximum velocities (exceeding ____ miles) direction and time																								

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
74	55	64	✓

Total depth of snow for 24 hours ending ____ p. m., ____ inches.

Snow, sleet, and hail on ground ____ p. m., ____ inches.

Total snowfall, midnight to midnight, ____ inches.

Precipitation to ____ a. m., ____ ins.; to ____ p. m., ____ ins.

Total precipitation, midnight to midnight, ____ inches.

Character of day, Cloudy Moon phase, ____

Average daily cloudiness (0–10), ____

Actual sunshine, hours, [illegible] Possible sunshine, hours, ____

Per cent of possible sunshine, [illegible]

Prevailing wind direction, S Total wind ____

Average hourly velocity, ____ Extreme velocity, ____

Maximum velocity, 12 Direction, [illegible]

Time began, ____

Reduced barometer, [illegible] a. m. [illegible], p. m.

River gage, [illegible]

Relative humidity, ____ a. m. ____ p. m.

Total duration. From—	Total duration. To—	Total amount of precipitation.	Excessive rate. Began—	Excessive rate. Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

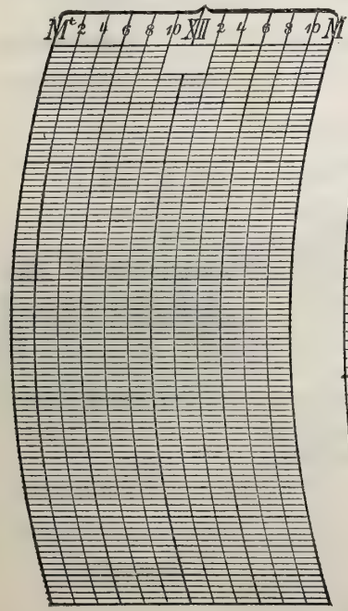
Dry temperature, 74.0 Wet temperature, ____

Dew-point, 54 R. humidity, [illegible] V. pressure, [illegible]

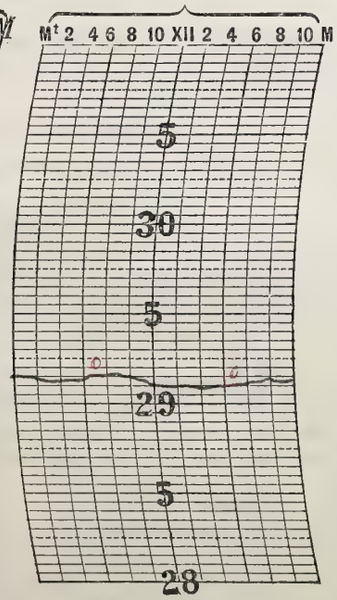
Clouds: Amount, 8; Kind, ____; Direction, ____

Velocity of clouds (miles per hour) ____

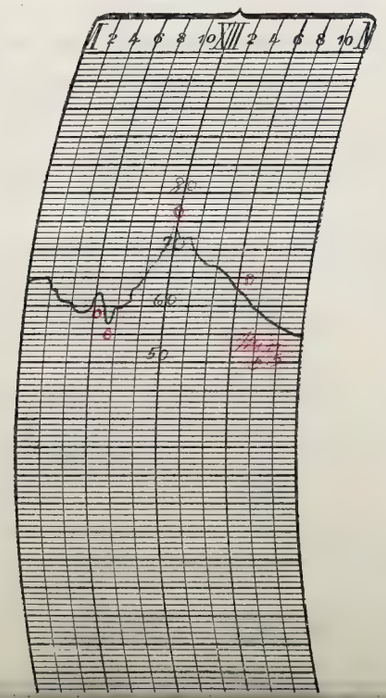
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

A cloudy day with moderate [illegible]

Prepared by ____

Verified by [illegible]

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) [illegible], (Day of week) Monday, (Date) [illegible], 192

Time (local standard). [illegible] mer. normal time.

	A. M.												P. M.											
	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	53	53	53	52	51	50	51	51	51	52	52	52	51	51	52	52	51	51	51	52	52	52	55	56
State of weather. Nature of precipitation and time of beginning and ending																								
Amounts of precipitation				.02	[illegible]			.01	.01	T	.01	T	.04	.05	T	.02	.02	.02	.15	.03	T	.16	[illegible]	[illegible]
Cloudiness and other conditions	Cloudy																							
Sunrise: Time, 6:04 Character, Cloudy																					Sunset: Time, 4:44 Character, Cloudy			
Moonrise:																					Moonset:			
Sunshine (in tenths of hours)							0	0	0	0	0	0	0	0	0	0	0							
Wind direction	N	[illegible]	[illegible]	NE	NE	[illegible]	[illegible]	NE	NE	[illegible]					[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	[illegible]	[illegible]
Wind movement	3	5	4	3	5	7	5	4	[illegible]	[illegible]	[illegible]	2					[illegible]							
Maximum velocities (exceeding [illegible] miles) direction and time																								

Total duration. From—	Total duration. To—	Total amount of precipitation.	Excessive rate. Began—	Excessive rate. Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

Excessive precipitation, accumulated amounts

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
56	50	53	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow, sleet, and hail on ground ..... p. m., ... inches.

Total snowfall, midnight to midnight, ... inches.

Precipitation to 7 a. m., 0.00 ins.; to 7 p. m., 0.00 ins.

Total precipitation, midnight to midnight, ... inches.

Character of day, Cloudy Moon phase, ...

Average daily cloudiness (0-10), ...

Actual sunshine, hours, 0 Possible sunshine, hours, [illegible]

Per cent of possible sunshine, 0

Prevailing wind direction, ... Total wind .....

Average hourly velocity, ... Extreme velocity, ...

Maximum velocity, 13 Direction, ...

Time began, ...

Reduced barometer, [illegible] a. m. [illegible], p. m.

River gage, [illegible]

Relative humidity, [illegible] a. m. [illegible] p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

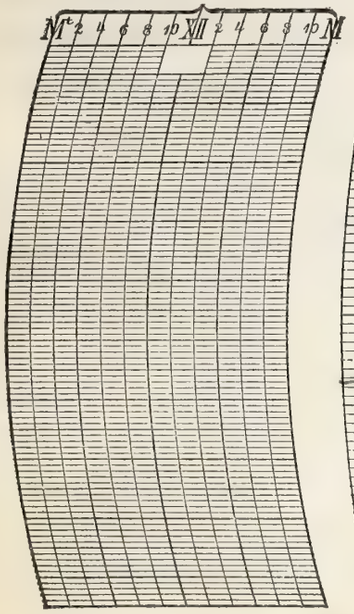
Dry temperature, 51.5 Wet temperature, [illegible]

Dew-point, 46 R. humidity, 84 V. pressure, ...

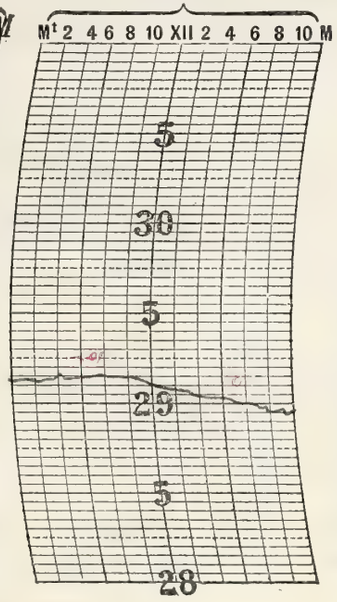
Clouds: Amount, 1; Kind, ...; Direction, ...

Velocity of clouds (miles per hour) .....

THERMOGRAPH.



BAROGRAPH.



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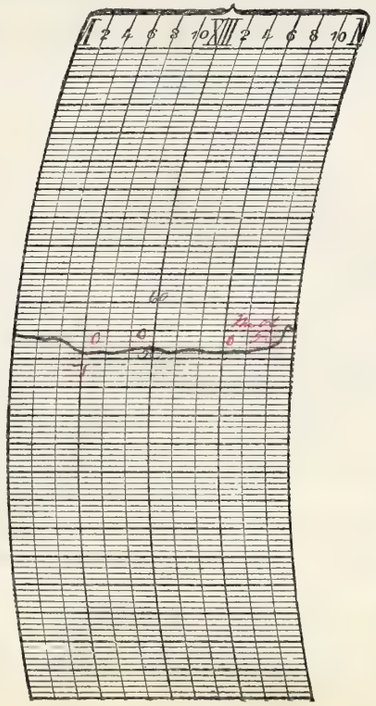


NOTES.

Cloudy, drizzle on [illegible]

Thunderstorm — First thunder heard at 9:40 a.m. Last thunder heard during [illegible] The storm was of light intensity and was accompanied by light rain [illegible]

Prepared by .....

Verified by [illegible]

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(*Station*) [illegible], (*Day of week*) [illegible], (*Date*) [illegible], 192

Time (local standard). [illegible] mer. normal time.

	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	57	58	59	59	59	59	60	65	64	66	65	66
State of weather. Nature of precipitation and time of beginning and ending												
Amounts of precipitation	.12	.01	T								.01	.01
Cloudiness and other conditions					Cloudy							
Sunrise: Time, Character,	6:15	Clouds										
Moonrise:	11:40											
Sunshine (in tenths of hours)							0	0	0.6	0	0	0
Wind direction	SE	SE	S	S	S	S	S	SW	S	S		
Wind movement	5	7	9	10	5	6	7	8	4	12	4	4
Maximum velocities (exceeding ____ miles) direction and time												

	P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	68	68	68	65	61	61	61	60	60	59	58	58
State of weather. Nature of precipitation and time of beginning and ending				RB 1:20								
Amounts of precipitation				.13	.04	.02	.04	.01	.01	.05		
Cloudiness and other conditions					Cloudy							
Sunset: Time, Character,									7:45	Clouds		
Moonset:									4:15 a			
Sunshine (in tenths of hours)	1.0	0.5	0	0	0							
Wind direction	SW	SW	SW	SW	SW	SW	SW	S	S	SE	SE	SE
Wind movement	16	17	14	14	9	6	4	4	5	7	6	5
Maximum velocities (exceeding ____ miles) direction and time												

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
68	56	[illegible]	

Total depth of snow for 24 hours ending [illegible] p. m., [illegible] inches.
Snow, sleet, and hail on ground [illegible] p. m., ____ inches.
Total snowfall, midnight to midnight, ____ inches.
Precipitation to [illegible] a. m., [illegible] ins.; to [illegible] p. m., [illegible] ins.
Total precipitation, midnight to midnight, .45 inches.
Character of day, Cloudy Moon phase, ____
Average daily cloudiness (0–10), 10
Actual sunshine, hours, 2.1 Possible sunshine, hours, [illegible]
Per cent of possible sunshine, 20
Prevailing wind direction, SW Total wind [illegible]
Average hourly velocity, [illegible] Extreme velocity, [illegible]
Maximum velocity, 21 Direction, S
Time began, [illegible]
Reduced barometer, [illegible] a. m. [illegible], p. m.
River gage, 2.1 Falls
Relative humidity, ____ a. m. ____ p. m.

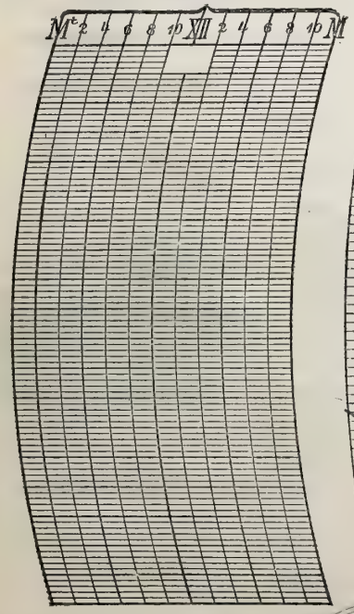
Excessive precipitation, accumulated amounts	Total duration. From—	Total duration. To—	Total amount of precipitation.	Excessive rate. Began—	Excessive rate. Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

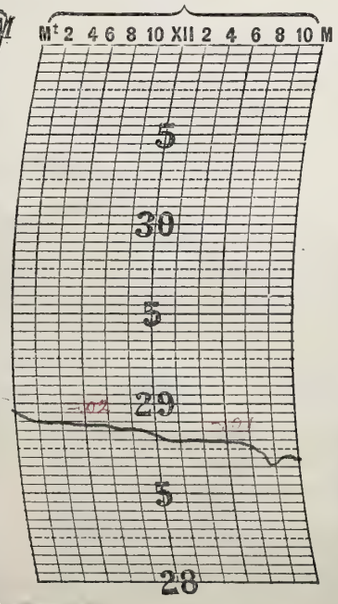
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 66.0 Wet temperature, [illegible]
Dew-point, 61 R. humidity, 85 V. pressure, ____
Clouds: Amount, [illegible]; Kind, [illegible]; Direction, ____
Velocity of clouds (miles per hour) ____

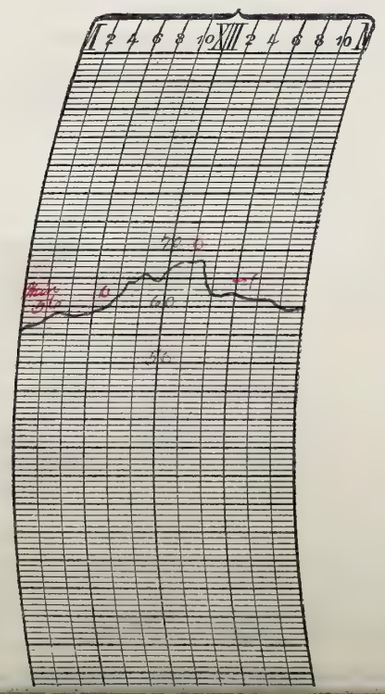
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

Prepared by [illegible]

Verified by [illegible]

FORM NO. 1017—SEC. 1.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Wednesday, (Date) [illegible], 192

Time (local standard). 90th mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	58	58	58	57	57	56	55	54	54	53	50	50
State of weather: Nature of precipitation and time of beginning and ending				RB RE			RB 6:53		RE 8:00	RB RE	RE	
Amounts of precipitation				.01			T	.21	T	.09	.01	
Cloudiness and other conditions	Cloudy											
Sunrise: Time, Character,	6:06 Cloudy											
Moonrise:	4:53 p.											
Sunshine (in tenths of hours)							0	0	0	0	0	0.6
Wind direction	SW	SW	SW	W	W	SW	SW	W	W	SW	W	W
Wind movement	4	5	7	8	3	5	2	5	7	12	22	23
Maximum velocities (exceeding 29 miles) direction and time												

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	50	48	48	47	47	46	46	46	46	46	44	44
State of weather: Nature of precipitation and time of beginning and ending		RB RE 1:42		RB 3:07 RE 3:15		RB 5:00 RE 5:35	RE					
Amounts of precipitation		T		T		T	.01	.02	T	.01	.02	.01
Cloudiness and other conditions					Cloudy							
Sunset: Time, Character,									4:44 Cloudy			
Moonset:									6:05 a			
Sunshine (in tenths of hours)	0	0	0	0	0							
Wind direction	SW	W	SW	W	SW	W	SW	SW	W	W	NW	NW
Wind movement	23	21	[illegible]	[illegible]	23	19	15	4	12	[illegible]	[illegible]	
Maximum velocities (exceeding 29 miles) direction and time		30 SW 1:17	30 SW 5:55	30 W 3:00								

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
58	44	51	1

Total depth of snow for 24 hours ending 7 p. m., ____ inches.

Snow, sleet, and hail on ground 7 p. m., ____ inches.

Total snowfall, midnight to midnight, ____ inches.

Precipitation to 7 a. m., .22 ins.; to 7 p. m., ____ ins.

Total precipitation, midnight to midnight, ____ inches.

Character of day, Cloudy Moon phase, 5

Average daily cloudiness (0-10), ____

Actual sunshine, hours, 0.6 Possible sunshine, hours, ____

Per cent of possible sunshine, 6

Prevailing wind direction, SW+W Total wind [illegible]

Average hourly velocity, ____ Extreme velocity, ____

Maximum velocity, 30 Direction, [illegible]

Time began, [illegible]

Reduced barometer, 29.54 7 a. m. 29.76, p. m.

River gage, ____

Relative humidity, 94 7 a. m. 82 p. m.

Total duration. From—	Total duration. To—	Total amount of precipitation.	Excessive rate. Began—	Excessive rate. Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

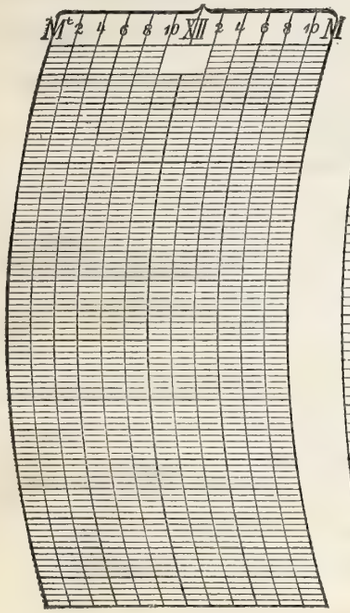
Dry temperature, 50.7 Wet temperature, [illegible]

Dew-point, 43 R. humidity, 76 V. pressure, [illegible]

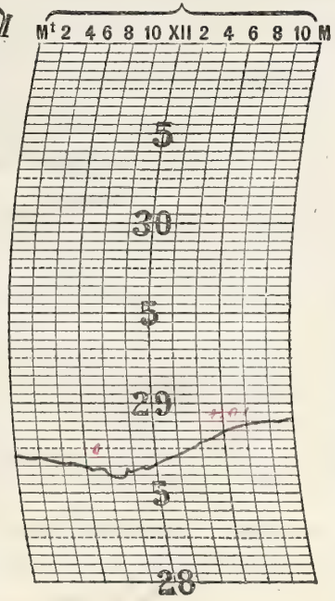
Clouds: Amount, 10; Kind, Cu; Direction, [illegible]

Velocity of clouds (miles per hour) ____

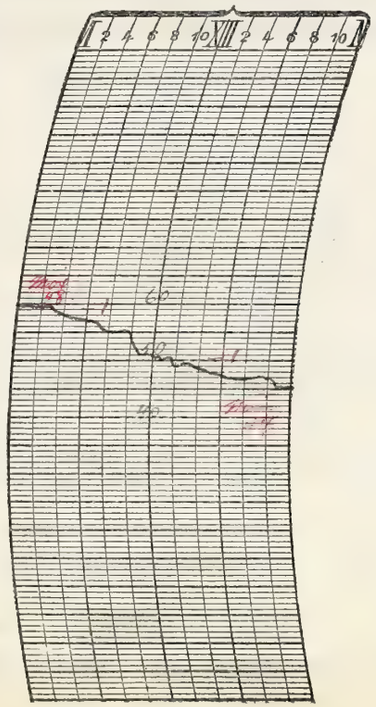
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

Prepared by [illegible]

Verified by [illegible]

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Thursday, (Date) Oct 20 1910, 192

Time (local standard). 90th mer. normal time.

	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	43	43	41	40	38	39	40	40	41	42	42	41
Nature of precipitation and time of beginning and ending						RE DN						
Amounts of precipitation	.02	T	.02	.01	.02	.01						
Cloudiness and other conditions						Cloudy						
Sunshine (in tenths of hours)							0	0	0.2	0.2	0.2	1.0
Wind direction	NW	NW	NW	NW	NW	NW	W	W	W	W	W	W
Wind movement	8	9	8	9	9	8	6	6	8	9	11	12

	P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	40	38	37	37	36	35	35	38	38	38	37	37
Nature of precipitation and time of beginning and ending	SM B 12:10 SM E 12:12	RB 1:15 RE 1:17 SM B 1:30	SM E 2:10 RB 2:11 RE 2:17	RE 3:52 SM B 3:54	SM E 4:13 RB 4:13 RE 4:35							
Amounts of precipitation	T	T	.04	.02	T							
Cloudiness and other conditions					Cloudy							
Sunshine (in tenths of hours)	0.5	0	0	0	0							
Wind direction	W	W	W	W	W	W	W	W	W	W	W	W
Wind movement	16	14	12	14	13	7	7	8	9	8	8	7

Sunrise: Time, 6:00 Character, Cloudy
Moonrise: 5:39 P.
Sunset: Time, 5:46 Character, Cloudy
Moonset: 7:12 A.

Maximum velocities (exceeding 10 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

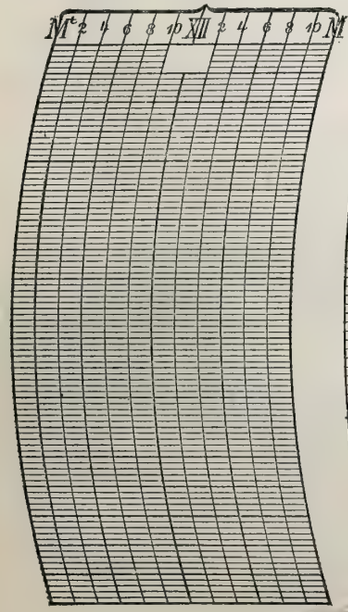
Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
44	36	40	

Total depth of snow for 24 hours ending 7 p. m., ____ inches.
Snow, sleet, and hail on ground 7 p. m., 6 inches.
Total snowfall, midnight to midnight, ____ inches.
Precipitation to 7 a. m., 16 ins.; to ____ p. m., ____ ins.
Total precipitation, midnight to midnight, ____ inches.
Character of day, Cloudy Moon phase, ____
Average daily cloudiness (0–10), 10
Actual sunshine, hours, 2.6 Possible sunshine, hours, ____
Per cent of possible sunshine, 25
Prevailing wind direction, W Total wind ____
Average hourly velocity, 9.8 Extreme velocity, ____
Maximum velocity, 20 Direction, W
Time began, ____
Reduced barometer, 29.96 a. m. ____, p. m.
River gage, 3.3 feet
Relative humidity, 61 a. m. ____ p. m.

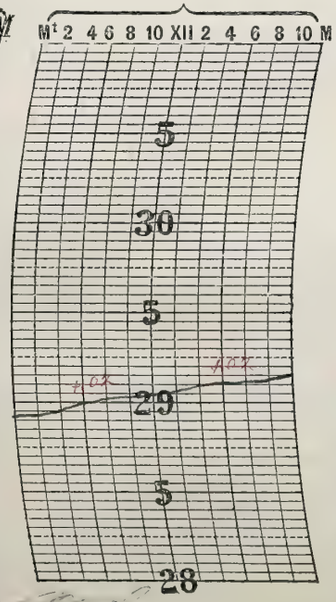
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 42.0 Wet temperature, 37.0
Dew-point, 30 R. humidity, 62 V. pressure, .164
Clouds: Amount, 0; Kind, ____; Direction, ____
Velocity of clouds (miles per hour)

THERMOGRAPH.



BAROGRAPH.



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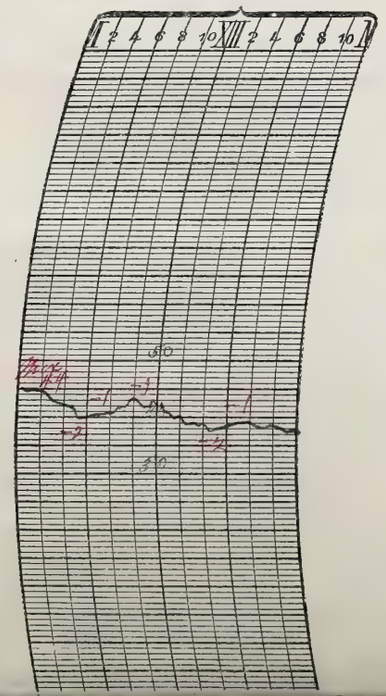


NOTES.

The first snow of the season occurred today. A cloudy, cold, and unpleasant day.

A heavy frost running season received embodied in regular form. Force of wind distributed on all routes.

Prepared by ____

Verified by P. M. Bancroft

FORM NO. 1014—MCH 7.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind, (Day of week) Friday, (Date) OCT 29 1920, 192

Time (local standard). 90° mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	37	36	36	35	33	33	[illegible]	35	36	37	39	42
State of weather. Nature of precipitation and time of beginning and ending											SFB VC4 SW4 R7	
Amounts of precipitation											T	
Cloudiness and other conditions				Clear				→ Pt Cdy			Cloudy	
Sunrise: Time, Character,	6:09 Cloudy											
Moonrise:	6:34 AM											
Sunshine (in tenths of hours)							0	0.8	0.7	[illegible]	[illegible]	[illegible]
Wind direction	W	SW	SW	W	[illegible]	[illegible]	W	NW	W	W	W	W
Wind movement	9	6	4	5	5	4	5	4	5	7	5	8
Maximum velocities (exceeding 29 miles) direction and time												

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	44	44	45	44	42	40	[illegible]	38	37	35	35	33
State of weather. Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions			→ Pt Cloudy		× Clear		× Pt Cloudy			→ Clear		
Sunset: Time, Character,									4:45 Clear			
Moonset:									8:24			
Sunshine (in tenths of hours)	0.2	0.3	1.0	1.0	0.2 .48							
Wind direction	W	W	W	W	W	W	W	W	W	W	W	W
Wind movement	10	11	12	13	11	11	10	8	5	4	2	2
Maximum velocities (exceeding 29 miles) direction and time												

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
45	32	38	

Total depth of snow for 24 hours ending ____ p. m., ____ inches.
Snow, sleet, and hail on ground ____ p. m., ____ inches.
Total snowfall, midnight to midnight, ____ inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Pt Cloudy Moon phase, ____
Average daily cloudiness (0-10), 5
Actual sunshine, hours, 7.8 Possible sunshine, hours, 11.6
Per cent of possible sunshine, 67
Prevailing wind direction, W Total wind 1122
Average hourly velocity, 8.0 Extreme velocity, 21
Maximum velocity, 19 Direction, ____
Time began, 9:05 p
Reduced barometer, 30.34 7 a. m. 30.22, p. m.
River gage, 3.5
Relative humidity, 95 7 a. m. 63 p. m.

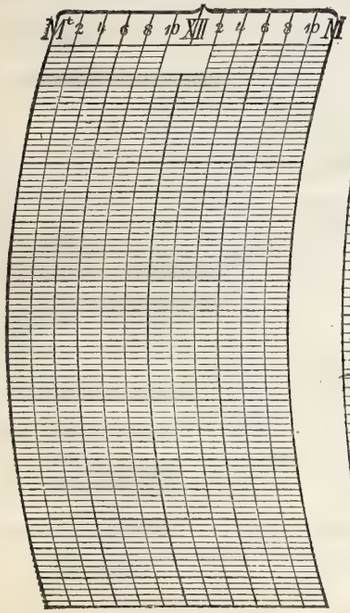
Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

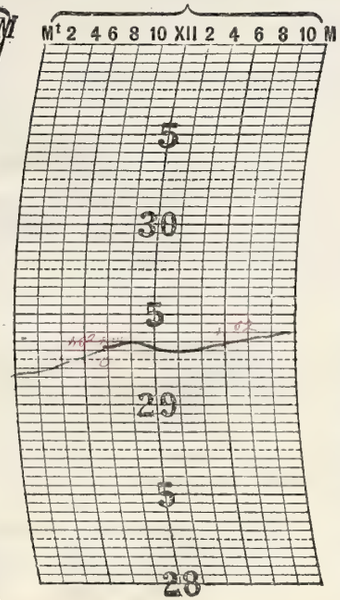
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 44.1 Wet temperature, 39
Dew-point, 30 R. humidity, 62 V. pressure, [illegible]
Clouds: Amount, 5; Kind, [illegible]; Direction, ____
Velocity of clouds (miles per hour) ____

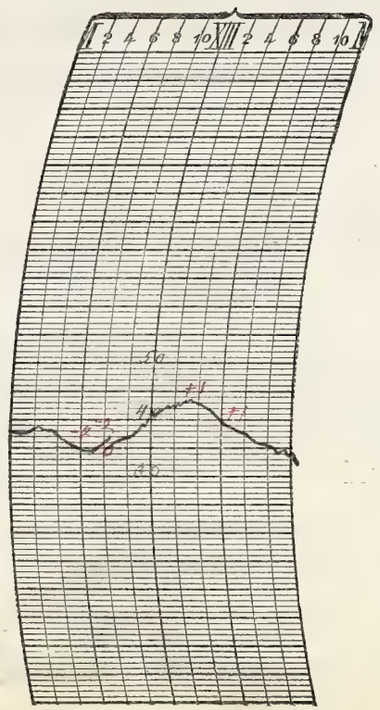
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

First killing frost occurred this morning.
Mean first morning was recorded embodied in regular form. Pt. Pt. was published on all bulletins [illegible]
Late night Clear with bright light.

Prepared by ____
Verified by ____

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(*Station*) [illegible], (*Day of week*) [illegible], (*Date*) [illegible], 192

Time (local standard). [illegible] mer. normal time.

	A. M.												P. M.											
	12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	32	32	31	31	31	30	32	35	40	44	48	50	52	53	54	54	51	48	47	47	45	44	43	42
State of weather. Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions	Clear												Clear											
	Sunrise: Time, 6:10 Character, Clear. Moonrise: 7:29 p																				Sunset: Time, 4:40 Character, Cloudy. Moonset: 2:25 a			
Sunshine (in tenths of hours)							.83 0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.1							
Wind direction	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW
Wind movement	8	5	8	7	5	6	8	9	11	13	13	15	15	15	15	12	10	9	9	12	10	10	10	10
Maximum velocities (exceeding 22 miles) direction and time																								

Total duration. From—	Total duration. To—	Total amount of precipitation.	Excessive rate. Began—	Excessive rate. Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
57	30	42	

Total depth of snow for 24 hours ending ____ p. m., ____ inches.

Snow, sleet, and hail on ground 0 p. m., 0 inches.

Total snowfall, midnight to midnight, ____ inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, ____ inches.

Character of day, Clear Moon phase, ____

Average daily cloudiness (0-10), ____

Actual sunshine, hours, 9.9 Possible sunshine, hours, 10.1

Per cent of possible sunshine, 94

Prevailing wind direction, SW Total wind 20

Average hourly velocity, ____ Extreme velocity, ____

Maximum velocity, 19 Direction, N

Time began, ____

Reduced barometer, 30.41 7 a. m. 30.33 p. m.

River gage, 2.0 feet

Relative humidity, 94 7 a. m. 90 p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

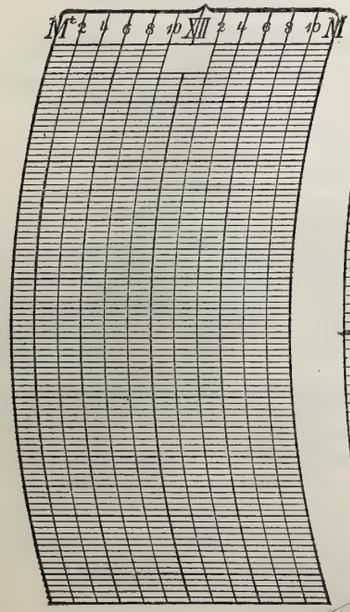
Dry temperature, 49.8 Wet temperature, ____

Dew-point, 30 R. humidity, 45 V. pressure, ____

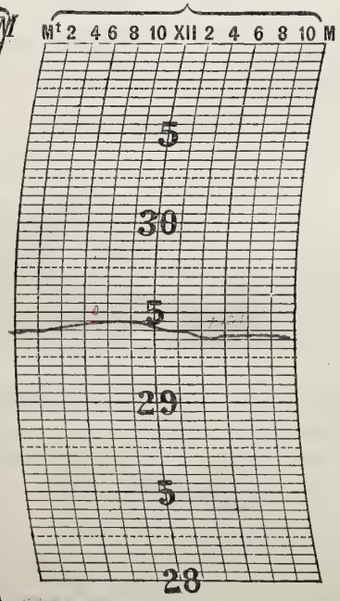
Clouds: Amount, Fair; Kind, ____; Direction, ____

Velocity of clouds (miles per hour) ____

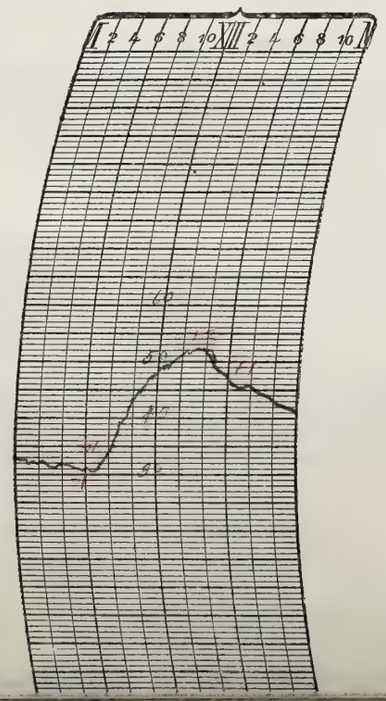
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

Killing frost this morning.
The word "Cease" disappeared in the
a. m. report

Prepared by [illegible]

Verified by P. M. Donovan

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Sunday, (Date) [illegible], 192

Time (local standard). 90th mer. normal time.	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	41	41	41	40	41	[illegible]	[illegible]	44	49	55	[illegible]	[illegible]	61	60	59	58	[illegible]	[illegible]	55	53	52	[illegible]	[illegible]	[illegible]
State of weather. Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions	Clear						Pt. Cloudy				Cloudy	Pt Cldy	Pt Cldy			Cloudy								

Sunrise: Time, 6:11 Character, Cloudy
Moonrise: 8:32 P.

Sunset: Time, 4:08 Character, Cloudy
Moonset: 10:02 P.

	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Sunshine (in tenths of hours)							0.2	0.4	0.2	1.0	1.0	[illegible]	1.0	0.8	0.3	0	0							
Wind direction	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW
Wind movement	18	15	8	4	11	[illegible]	12	15	10	14	15	12	11	13	16	6	10	12	4	[illegible]	9	[illegible]	[illegible]	[illegible]
Maximum velocities (exceeding 22 miles) direction and time																								

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
61	40	50	

Total depth of snow for 24 hours ending 7 p. m., [illegible] inches.
Snow, sleet, and hail on ground [illegible] p. m., [illegible] inches.
Total snowfall, midnight to midnight, [illegible] inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, [illegible] inches.
Character of day, Cloudy Moon phase, [illegible]
Average daily cloudiness (0-10), [illegible]
Actual sunshine, hours, 5.9 Possible sunshine, hours, 10.4
Per cent of possible sunshine, 57
Prevailing wind direction, SW Total wind [illegible]
Average hourly velocity, [illegible] Extreme velocity, [illegible]
Maximum velocity, 12 Direction, [illegible]
Time began, 12:40
Reduced barometer, [illegible] a. m. [illegible], p. m.
River gage, [illegible]
Relative humidity, 66 a. m. 65 p. m.

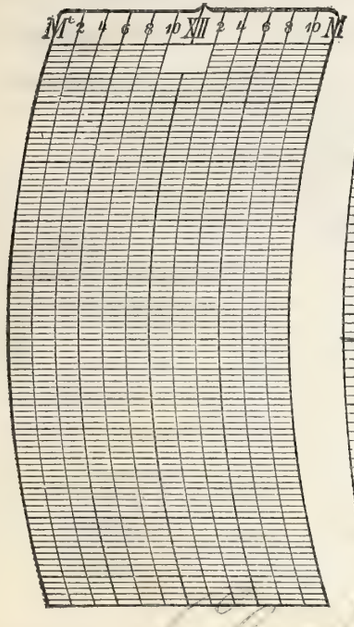
	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																				

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

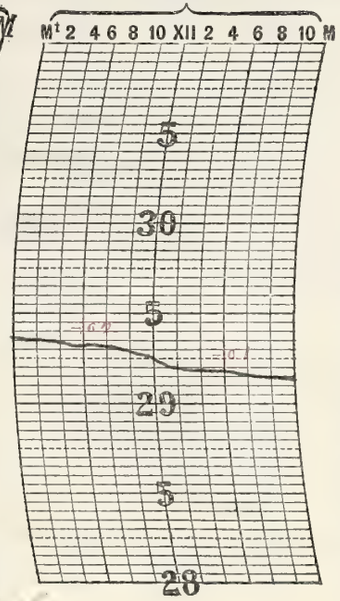
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 57.1 Wet temperature, 48.1
Dew-point, 39 R. humidity, 51 V. pressure, .237
Clouds: Amount, 7; Kind, Ast; Direction, NW
Velocity of clouds (miles per hour)

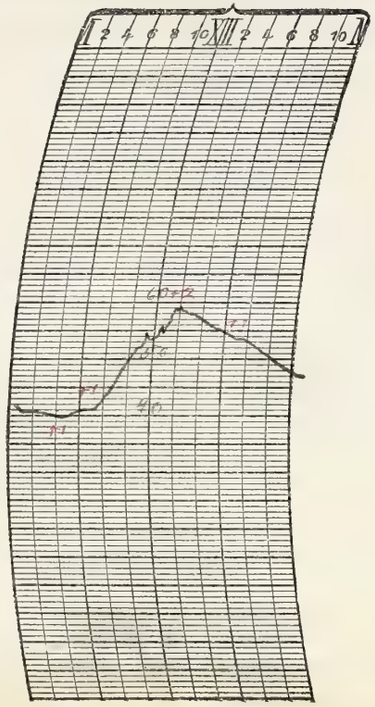
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

Prepared by

Verified by

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(*Station*) [illegible], (*Day of week*) [illegible], (*Date*) [illegible], 192

Time (local standard). ____ mer. normal time.	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	49	49	49	48	48	48	[illegible]	[illegible]	51	49 HB 9:18	49	[illegible]
State of weather. Nature of precipitation and time of beginning and ending												
Amounts of precipitation										.07	.08	.03
Cloudiness and other conditions						Cloudy						
Sunrise: Time, 6:12 Character, Cloudy												
Moonrise: 9:02												
Sunshine (in tenths of hours)							0	0	0	0	0	0
Wind direction	SW	SW	SW	SW	SW	SW	SW	S	S	S	SE	SE
Wind movement	11	13	13	9	10	10	9	8	9	10	6	5
Maximum velocities (exceeding 30 miles) direction and time												

Time (local standard). ____ mer. normal time.	P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	52	52	53	53	54	54	55 RE 6:23	56 HB 7:12	56	56	56	57
State of weather. Nature of precipitation and time of beginning and ending												
Amounts of precipitation	.02	T	.01	.01	T	T	T	.12	.03	.02	.06	.02
Cloudiness and other conditions						Cloudy						
Sunset: Time, 4:34 Character, Cloudy												
Moonset: [illegible]												
Sunshine (in tenths of hours)	0	0	0	0	0							
Wind direction	S	S	S	S	S	S	S	S	S	S	S	S
Wind movement	6	9	9	9	11	12	13	13	12	14	10	11
Maximum velocities (exceeding 30 miles) direction and time												

Total duration. From—	Total duration. To—	Total amount of precipitation.	Excessive rate. Began—	Excessive rate. Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

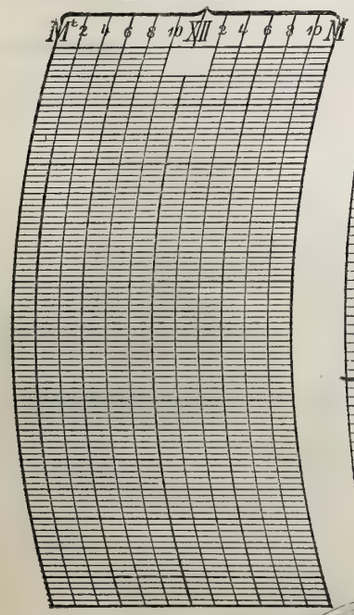
Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
57	47.8	52.9	[illegible]

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0.42 ins.
Total precipitation, midnight to midnight, .42 inches.
Character of day, Cloudy Moon phase, ____
Average daily cloudiness (0–10), 10
Actual sunshine, hours, 0 Possible sunshine, hours, [illegible]
Per cent of possible sunshine, 0
Prevailing wind direction, S Total wind ____
Average hourly velocity, 10.1 Extreme velocity, 13
Maximum velocity, 16 Direction, SW
Time began, 1:33 am
Reduced barometer, 29.6 a. m. [illegible], p. m.
River gage, 25.7
Relative humidity, 60 a. m. [illegible] p. m.

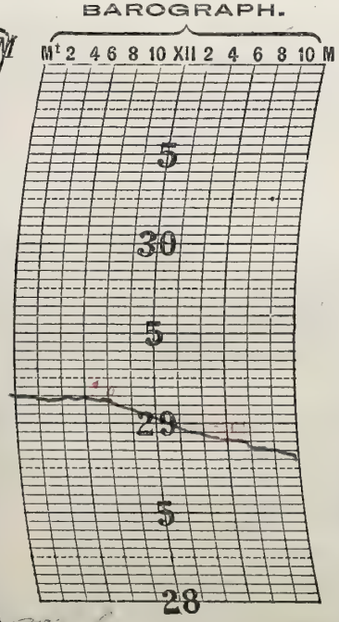
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 50.8 Wet temperature, 49.8
Dew-point, 49 R. humidity, 94 V. pressure, .347
Clouds: Amount, 10; Kind, Nb; Direction, ____
Velocity of clouds (miles per hour) ____

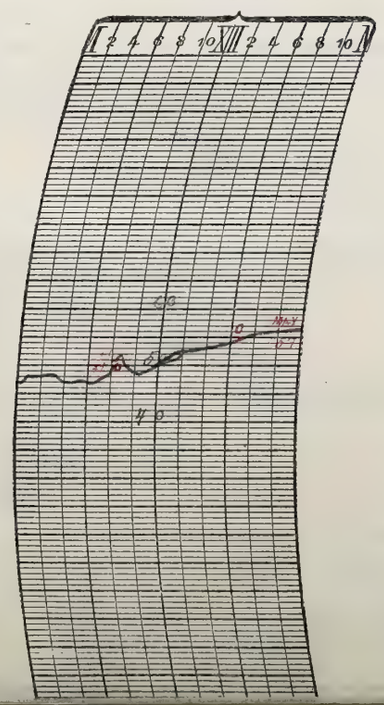
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

A cloudy day with a few showers throughout the greater portion.

Prepared by [illegible]
Verified by [illegible]

Form No. 1011 Rev. 1.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind, (Day of week) Tuesday, (Date) Nov. [illegible], 192

Time (local standard). 90th mer. normal time.

	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	57	57	50	46	42	40	[illegible]	37	36	35	34	34
				RE								
				D.N.								
State of weather. Nature of precipitation and time of beginning and ending												
Amounts of precipitation	.01	.01	.04	.03								
Cloudiness and other conditions	← Cloudy											
Sunrise: Time, Character,	6:13 Cloudy											
Moonrise:	[illegible]											
Sunshine (in tenths of hours)							0.1	1.0	0.7	0	0	0
Wind direction	S	SW	SW	W	W	W	W	SW	SW	W	SW	SW
Wind movement	11	11	12	16	17	17	16	17	22	22	20	19
Maximum velocities (exceeding 29 miles) direction and time												

	P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	34	34	35	35	35	36	37	37	37	37	37	36
	S^m B 12:30							S^m E 2:45 R B 7:45				
State of weather. Nature of precipitation and time of beginning and ending												
Amounts of precipitation	T	T	T	T	T	T	T	T	T	T	T	T
Cloudiness and other conditions	Cloudy											
Sunset: Time, Character,									4:36 Cloudy			
Moonset:									[illegible]			
Sunshine (in tenths of hours)	0	0	0	0	0							
Wind direction	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	
Wind movement	20	22	20	19	18	[illegible]	[illegible]	[illegible]	22	22	19	19

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
57	33	45	

Total depth of snow for 24 hours ending 7 p. m., T inches.

Snow, sleet, and hail on ground 7 p. m., * inches.

Total snowfall, midnight to midnight, ____ inches.

Precipitation to 7 a. m., .06 ins.; to 7 p. m., T ins.

Total precipitation, midnight to midnight, .03 inches.

Character of day, Cloudy Moon phase, ____

Average daily cloudiness (0–10), ____

Actual sunshine, hours, 1.8 Possible sunshine, hours, ____

Per cent of possible sunshine, 17

Prevailing wind direction, S Total wind ____

Average hourly velocity, 14.4 Extreme velocity, ____

Maximum velocity, 29 Direction, W

Time began, 8:24 a.m.

Reduced barometer, 29.[illegible] a. m. [illegible], p. m.

River gage, [illegible]

Relative humidity, 94 a. m. 80 p. m.

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

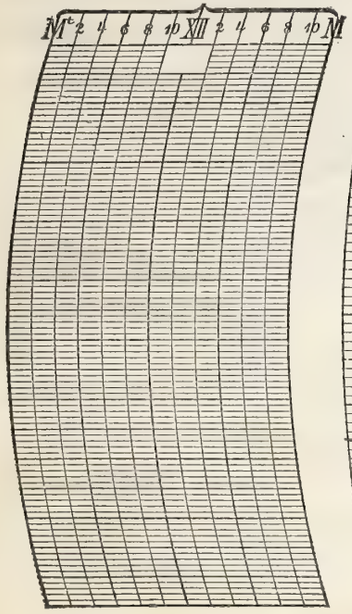
Dry temperature, 34.4 Wet temperature, 33.2

Dew-point, 32 R. humidity, 89 V. pressure, .180

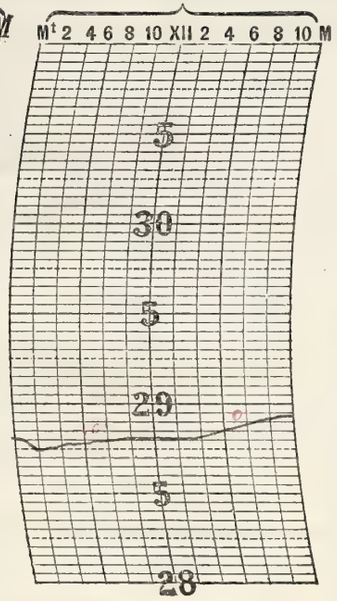
Clouds: Amount, 10; Kind, S.C.; Direction, ____

Velocity of clouds (miles per hour) ____

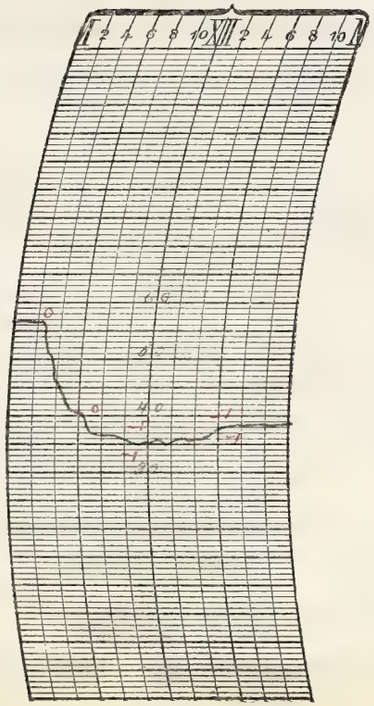
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

* melted as it fell

Pressure at 12 Noon on 75th Meridian was [illegible] called for by Central. Cloudy, cold and rain change with fine snow throughout the afternoon. This snow turned to rain in the evening.

Automatic raingage removed from roof at 1.00 p.m. on account of freezing weather.

Prepared by [illegible]

Verified by J. M. McAdoo

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Wednesday, (Date) NOV 7 1928, 192

Time (local standard). mer. normal time.	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	38	38	38	38	38	38	39	39	41	42	44	44	46	47	47	46	44	42	41	40	39	38	38	37
State of weather. Nature of precipitation and time of beginning and ending																								
Amounts of precipitation	T																							
Cloudiness and other conditions	Cloudy						Cloudy						Pt. Cloudy											
Sunrise: Time, 6:15 Character, Cloudy																					Sunset: Time, 4:35 Character, Cloudy			
Moonrise: 11:54 p.																					Moonset: 12:32 a.			
Sunshine (in tenths of hours)							0	0	0.1	0.8	0.8	0.9	1.0	1.0	1.0	0.7	0.3							
Wind direction	SW	W	W	W	W	SW	W	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW
Wind movement	17	15	15	13	13	11	11	10	12	15	16	15	15	15	15	11	10	7	8	7	7	7	8	8
Maximum velocities (exceeding 30 miles) direction and time																								

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
48	34	41	

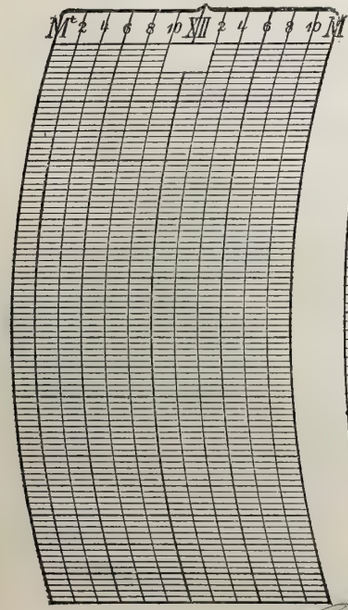
Total depth of snow for 24 hours ending 7 p. m., T inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., T ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, inches.
Character of day, Pt. Cloudy Moon phase, L. Q.
Average daily cloudiness (0–10), 6
Actual sunshine, hours, 6.8 Possible sunshine, hours, 9.1
Per cent of possible sunshine, 67
Prevailing wind direction, SW Total wind 234
Average hourly velocity, 11.8 Extreme velocity, 21
Maximum velocity, 23 Direction,
Time began, 1:00 a.m.
Reduced barometer, 29.23 a. m. , p. m.
River gage, 9.6 feet
Relative humidity, a. m. p. m.

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

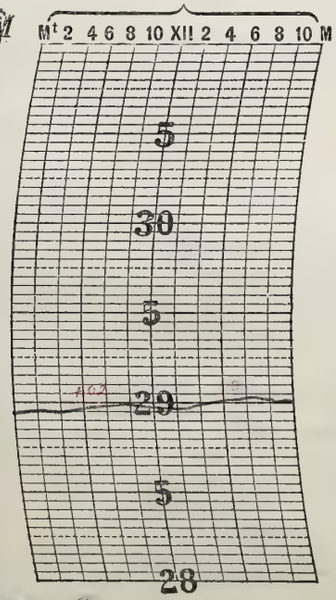
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 44.0 Wet temperature, 42.0
Dew-point, 40 R. humidity, 85 V. pressure, .242
Clouds: Amount, 4; Kind, A.St.; Direction, NW
Velocity of clouds (miles per hour)

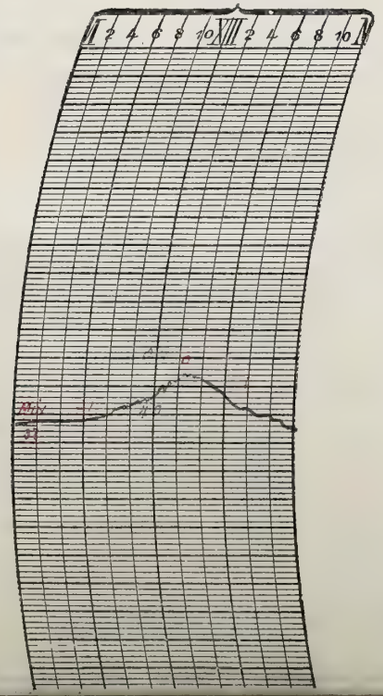
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

A partly cloudy and rather pleasant day.

Prepared by [illegible]

Verified by [illegible]

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(*Station*) Fort Wayne, Ind, (*Day of week*) Thursday, (*Date*) Nov. 10, 192

Time (local standard). 24 mer. normal time.

	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	37	36	37	37	38	38	39	41	46	49	54	57
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions						← Cloudy →						
Sunshine (in tenths of hours)							0	0	0.5			
Wind direction	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW
Wind movement	8	9	9	10	9	9	11	12	15	18	17	26

	P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	58	60	59	58	54	53	50	49	47	45	44	44
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions			Clear									→
Sunshine (in tenths of hours)	1.0	1.0	1.0	1.0	.37							
Wind direction	SW	SW	W	W	W	W	W	W	W	W	W	W
Wind movement	25	23	21	5	14	12	12		12			

Sunrise: Time, 6:16 Character, Cloudy
Moonrise:

Sunset: Time, 4:24 Character, Clear
Moonset: 1:14 A.

Maximum velocities (exceeding 29 miles) direction and time: 25 SW 12 noon; 26 SW

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

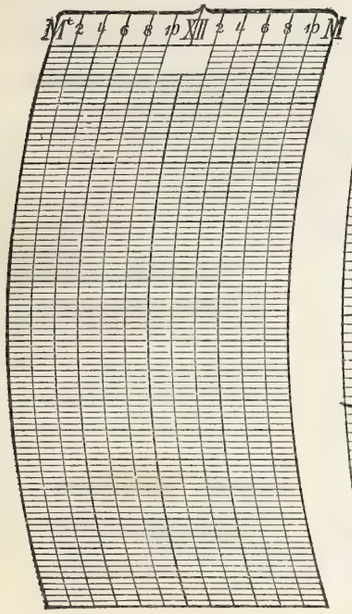
Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
60	36	48	

Total depth of snow for 24 hours ending 7 p. m., 4 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 2 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 1 inches.
Character of day, Clear Moon phase,
Average daily cloudiness (0–10), 1
Actual sunshine, hours, 8.4 Possible sunshine, hours, 10.2
Per cent of possible sunshine, 82
Prevailing wind direction, SW Total wind 5[illegible]
Average hourly velocity, 14.1 Extreme velocity, 4[illegible]
Maximum velocity, 2 Direction,
Time began, 12
Reduced barometer, 29.88 7 a. m. 29.85 5 p. m.
River gage, 3.6
Relative humidity, 5 7 a. m. p. m.

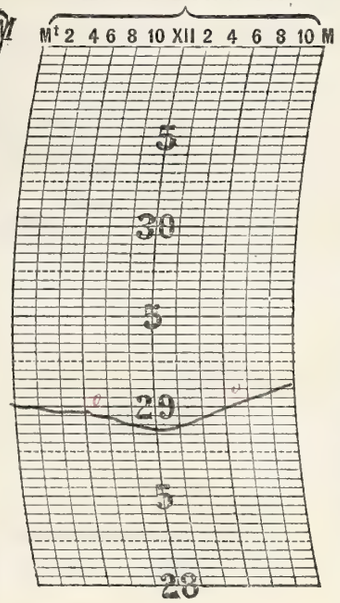
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 57.0 Wet temperature, 50.0
Dew-point, 44 R. humidity, 61 V. pressure, .237
Clouds: Amount, 6; Kind, 6; Direction,
Velocity of clouds (miles per hour)

THERMOGRAPH.



BAROGRAPH.



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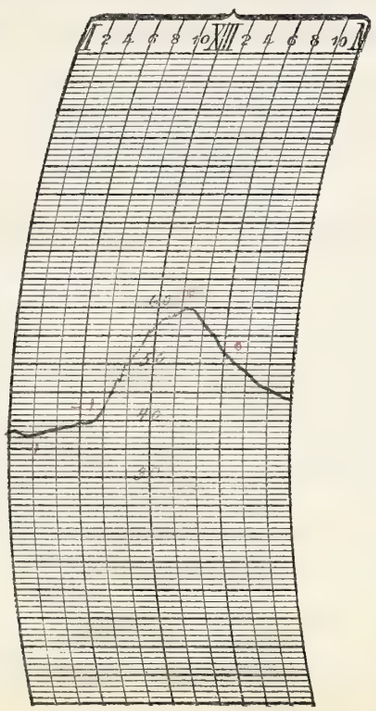


NOTES.

A clear and very pleasant day and unseasonably warm.

Prepared by

Verified by [illegible]

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(*Station*) [illegible], (*Day of week*) Friday, (*Date*) [illegible], 192

Time (local standard). [illegible] mer. normal time.

	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	43	40	39	38	37	37	41	40	46	48	50	52	54	55	56	54	52	51	49	48	47	45	45	42
State of weather. Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions						← Clear				→ Pt. Cloudy			→			Clear					→			
Sunrise: Time, 6:17 Character, Clear																					Sunset: Time, 4:32 Character, Cloudy			
Moonrise: 1:01 a																					Moonset: 1:40 p			
Sunshine (in tenths of hours)							0	0.9	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.6	0							
Wind direction	W	W	W	W	W	W	W	W	W	W	NW	W	W	W	W	NW	NW	W	O	W	W	N	N	NE
Wind movement	8	8	7	7	7	7	7	7	4	6	7	6	7	6	7	5	3	3	0	1	1	2	3	3
Maximum velocities (exceeding [illegible] miles) direction and time																								

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
56	36	46	

Total depth of snow for 24 hours ending 7 p. m., [illegible] inches.

Snow, sleet, and hail on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, [illegible] inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, [illegible] inches.

Character of day, [illegible] Moon phase, [illegible]

Average daily cloudiness (0-10), [illegible]

Actual sunshine, hours, 9.2 Possible sunshine, hours, [illegible]

Per cent of possible sunshine, [illegible]

Prevailing wind direction, W Total wind [illegible]

Average hourly velocity, [illegible] Extreme velocity, [illegible]

Maximum velocity, 10 Direction, W

Time began, 10 [illegible]

Reduced barometer, [illegible] a. m. [illegible], p. m.

River gage, 20 Feet

Relative humidity, 90 a. m. [illegible] p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

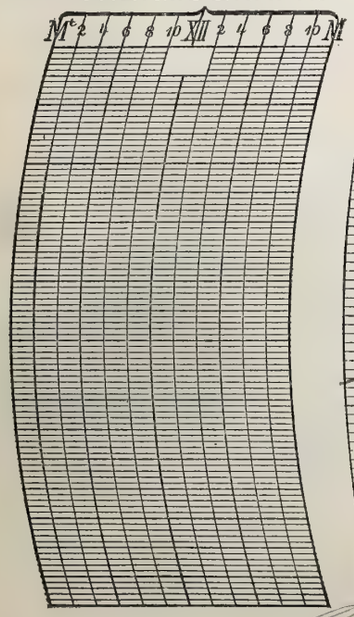
Dry temperature, 53.7 Wet temperature, [illegible]

Dew-point, 42 R. humidity, 66 V. pressure, [illegible]

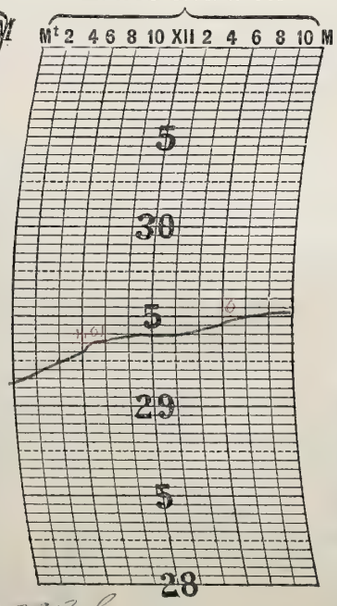
Clouds: Amount, 5; Kind, [illegible]; Direction, [illegible]

Velocity of clouds (miles per hour) [illegible]

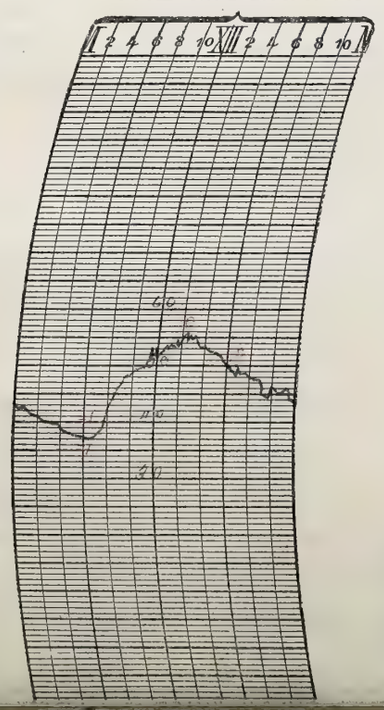
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

Prepared by [illegible]

Verified by P. McDonough

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(*Station*) [illegible], (*Day of week*) Saturday, (*Date*) [illegible], 192

Time (local standard). [illegible] mer. normal time.

	A. M.												P. M.											
	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	42	41	39	39	38	38	38	40	43	48	53	55	57	56	56	56	52	51	50	49	49	48	47	46
State of weather. Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions							Pt. Cloudy		Cloudy			Pt	Cloudy			Cloudy								
	Sunrise: Time, 6:18 Character, Cloudy																				Sunset: Time, 4:31 Character, Cloudy			
	Moonrise: [illegible]																				Moonset: [illegible]			
Sunshine (in tenths of hours)							0	0	0	0.1	1.0	1.0	1.0	0.8	0	0	0							
Wind direction	NE	NE	NE	NE	E	NE	E	E	E	E	E	SE	SE	SE	E	E	E	E	E	E	E	SE	E	E
Wind movement	1	3	4	3	3	3	2	4	2	3	2	4	5	5	5	6	6	7	7	7	7	6	5	5
Maximum velocities (exceeding [illegible] miles) direction and time																								

Total duration. From—	Total duration. To—	Total amount of precipitation.	Excessive rate. Began—	Excessive rate. Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

Excessive precipitation, accumulated amounts

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
57	38	48	

Total depth of snow for 24 hours ending [illegible] p. m., [illegible] inches.

Snow, sleet, and hail on ground [illegible] p. m., [illegible] inches.

Total snowfall, midnight to midnight, [illegible] inches.

Precipitation to [illegible] a. m., [illegible] ins.; to [illegible] p. m., [illegible] ins.

Total precipitation, midnight to midnight, [illegible] inches.

Character of day, Cloudy Moon phase, [illegible]

Average daily cloudiness (0-10), [illegible]

Actual sunshine, hours, 3.9 Possible sunshine, hours, [illegible]

Per cent of possible sunshine, 38

Prevailing wind direction, [illegible] Total wind [illegible]

Average hourly velocity, [illegible] Extreme velocity, [illegible]

Maximum velocity, [illegible] Direction, [illegible]

Time began, [illegible]

Reduced barometer, [illegible] a. m. [illegible], p. m.

River gage, 2.7 Feet

Relative humidity, 88 a. m. [illegible] p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

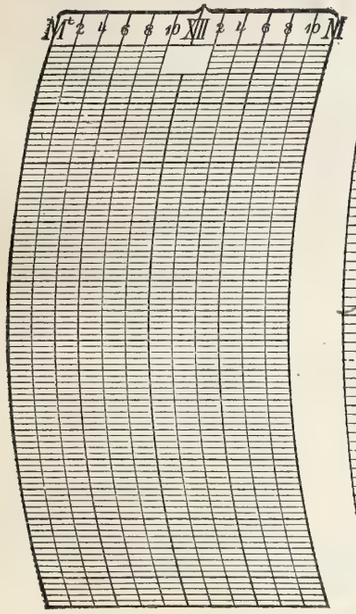
Dry temperature, 55.8 Wet temperature, [illegible]

Dew-point, 43 R. humidity, 62 V. pressure, [illegible]

Clouds: Amount, [illegible]; Kind, [illegible]; Direction, [illegible]

Velocity of clouds (miles per hour) [illegible]

THERMOGRAPH.



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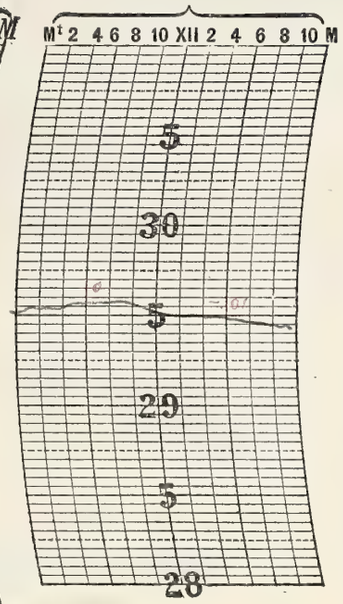
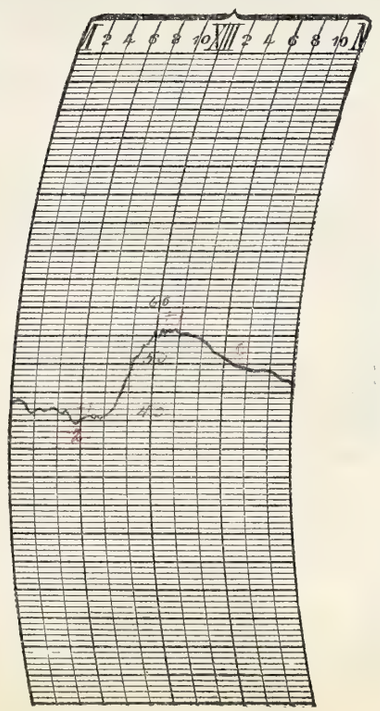


THERMOGRAPH.



NOTES.

A cloudy day with moderate temperatures.

Prepared by [illegible]

Verified by [illegible]

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(*Station*) Fort Worth, Tex., (*Day of week*) Sunday, (*Date*) ....., 192

Time (local standard). ... mer. normal time.	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	46	46	45	45	44	44	44	44	45	46	47	48
State of weather. Nature of precipitation and time of beginning and ending			RB DNA									RE 11:10
Amounts of precipitation			—	—	—	—	—	—	—	—	—	—
Cloudiness and other conditions								Cloudy				
Sunrise: Time, Character,	6:19 Cloudy											
Moonrise:	3:11 a											
Sunshine (in tenths of hours)							0	0	0	0	0	0
Wind direction	E	E	E	E	E	E	E	E	SE	SE	SW	SW
Wind movement	4	4	4	3	4	3	4	3	2	2	3	3
Maximum velocities (exceeding 24 miles) direction and time												

Time (local standard). ... mer. normal time.	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	49	49	49	50	50	50	50	50	49	49	48	48
State of weather. Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions						Cloudy						
Sunset: Time, Character,									4:41 Cloudy			
Moonset:									2:51 a			
Sunshine (in tenths of hours)												
Wind direction	SW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW
Wind movement	5	6	6	5	6	6	3	4	4	5	4	4
Maximum velocities (exceeding 24 miles) direction and time												

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

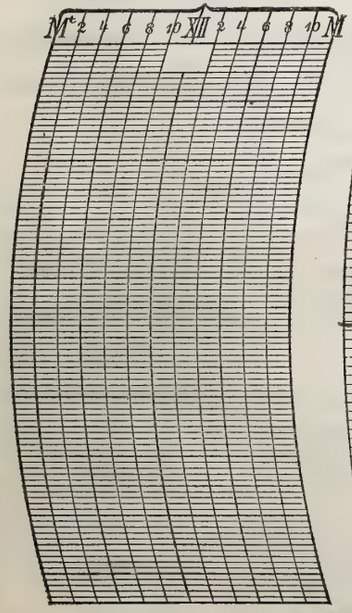
Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
50	45		

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., .31 ins.; to 7 p. m., .45 ins.
Total precipitation, midnight to midnight, .46 inches.
Character of day, Cloudy Moon phase, ...
Average daily cloudiness (0-10), 7
Actual sunshine, hours, 0 Possible sunshine, hours, ...
Per cent of possible sunshine, 0
Prevailing wind direction, NW Total wind 20
Average hourly velocity, 4.0 Extreme velocity, 7
Maximum velocity, 7 Direction, NW
Time began, 1:35 p m
Reduced barometer, 29.31 7 a. m. 29.31 7 p. m.
River gage, 4.6 Feet
Relative humidity, 90 a. m. 70 p. m.

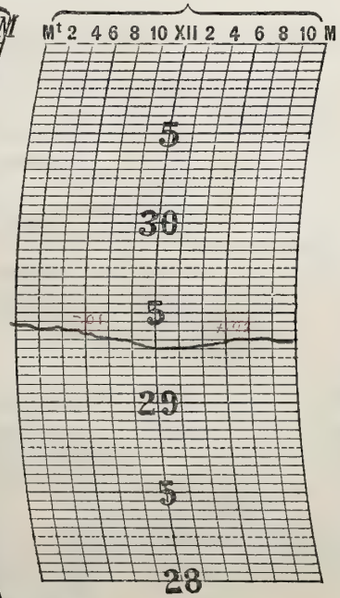
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 49.0 Wet temperature, ...
Dew-point, 46 R. humidity, 90 V. pressure, ...
Clouds: Amount, 4; Kind, St; Direction, ...
Velocity of clouds (miles per hour) .....

THERMOGRAPH.



BAROGRAPH.



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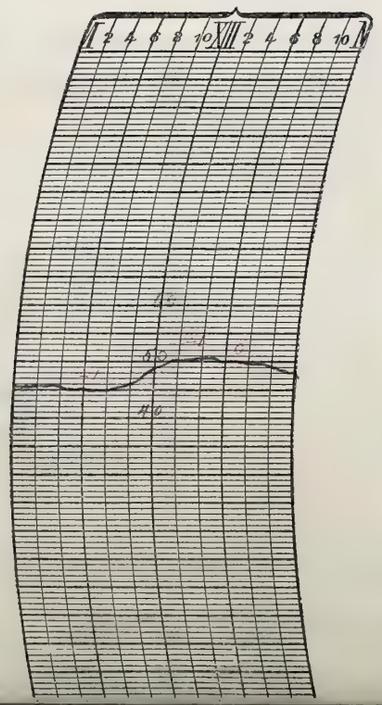


NOTES.

Prepared by .....
Verified by .....

Verified by

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Monday, (Date) Nov. 6, 192

Time (local standard). 90th mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	47	46	45	45	45	46	47	49	48	50	51	52
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions							← Cloudy					×
Sunrise: Time, Character,	6:21 Cloudy											
Moonrise:	4:14a											
Sunshine (in tenths of hours)							0	0	0.7	1.0	1.0	1.0
Wind direction	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	W	SW
Wind movement	4	5	5	5	4	2	5	[illegible]	5	5	5	7
Maximum velocities (exceeding 29 miles) direction and time												

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	53	54	53	52	52	51	50	49	50	51	52	53
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation						—	—	—	—	—	—	—
Cloudiness and other conditions						Pt. Cloudy ×			Cloudy →			
Sunset: Time, Character,									4:09 Cloudy			
Moonset:									8:04p			
Sunshine (in tenths of hours)	1.0	1.0	0.8	0	0							
Wind direction	SW	SW	SW	SW	S	S	S	[illegible]	S	S	S	SW
Wind movement	7	9	7	8	8	7	5	4	9	12	15	[illegible]
Maximum velocities (exceeding 29 miles) direction and time												

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
55	45	50	[illegible]

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., ____ inches.
Total snowfall, midnight to midnight, ____ inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., ____ ins.
Total precipitation, midnight to midnight, .10 inches.
Character of day, Cloudy Moon phase, ____
Average daily cloudiness (0-10), 8
Actual sunshine, hours, 6.5 Possible sunshine, hours, 10.1
Per cent of possible sunshine, 64
Prevailing wind direction, NW Total wind 165
Average hourly velocity, 6.9 Extreme velocity, 24
Maximum velocity, 28 Direction, SW
Time began, 10:00 p.m.
Reduced barometer, 29.[illegible] a. m. ____, p. m.
River gage, 2.4 rising
Relative humidity, 85 a. m. 81 p. m.

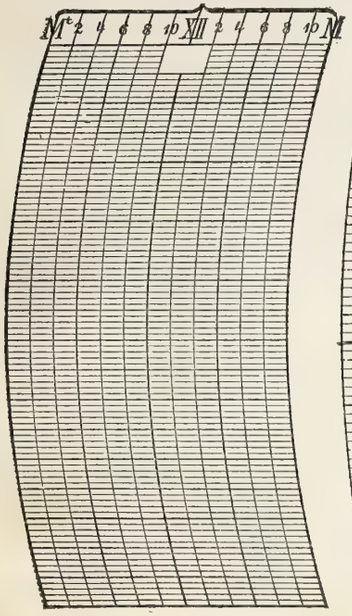
	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																				

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

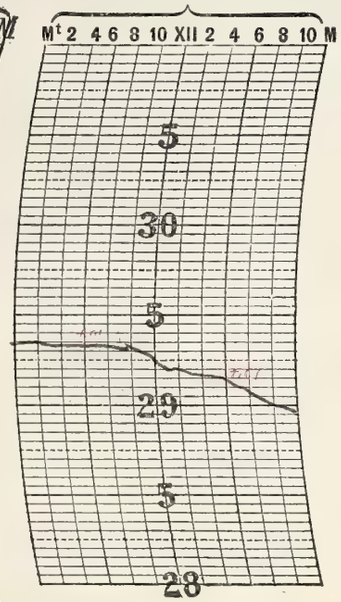
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 52.0 Wet temperature, 49.0
Dew-point, 46 R. humidity, 81 V. pressure, .310
Clouds: Amount, 8; Kind, Ast.; Direction, [illegible]
Velocity of clouds (miles per hour)

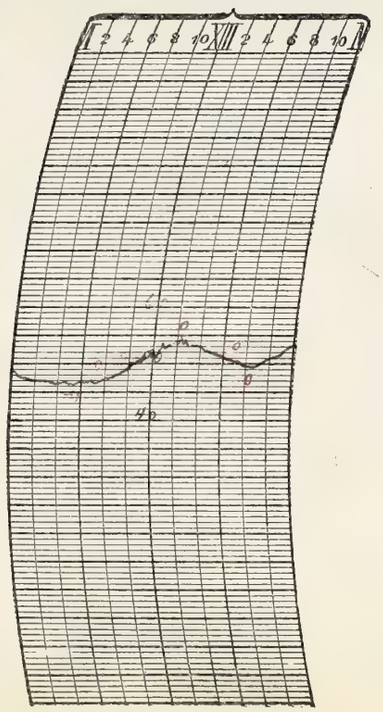
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



*Estimated.

NOTES.

Prepared by ____
Verified by ____

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(*Station*) [illegible], (*Day of week*) [illegible], (*Date*) [illegible], 192

Time (local standard). ___ mer. normal time.	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	54	56	57	57	58	58	58	58	58	59	60	60	58	55	49	48	46	45	45	44	43	42	42	41
State of weather. Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions						Pt. Cloudy					Clear						Cloudy							

Sunrise: Time, 6:23 Character, Cloudy
Moonrise: [illegible]
Sunset: Time, 4:28 Character, Cloudy
Moonset: [illegible]

	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Sunshine (in tenths of hours)							0	0.2	0.6	1.0	1.0	1.0	1.0	1.0	0.2	0	0							
Wind direction	SW	SW	SW	SW	SW	SW	SW	SW	W	W	W	W	W	W	W	W	W	W	W	NW	NW	NW	NW	NW
Wind movement	17	18	16	16	18	15	17	18	19	22	21	2	24	21	15	11	21	15	15	12	13	8	11	11
Maximum velocities (exceeding ___ miles) direction and time														32 W 1:04										

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

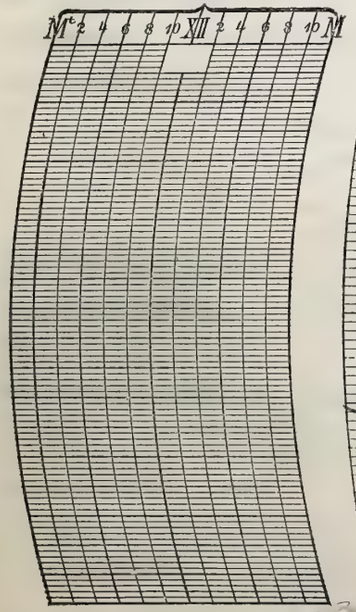
Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
60	41	[illegible]	[illegible]

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground ___ p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., .20 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, .10 inches.
Character of day, Pt. Cloudy Moon phase, ___
Average daily cloudiness (0-10), 5
Actual sunshine, hours, 6.5 Possible sunshine, hours, [illegible]
Per cent of possible sunshine, 64
Prevailing wind direction, W Total wind [illegible]
Average hourly velocity, ___ Extreme velocity, ___
Maximum velocity, 32 Direction, W
Time began, 1:24 pm
Reduced barometer, 29.88 7 a. m. 29.87 7 p. m.
River gage, [illegible]
Relative humidity, [illegible] a. m. [illegible] p. m.

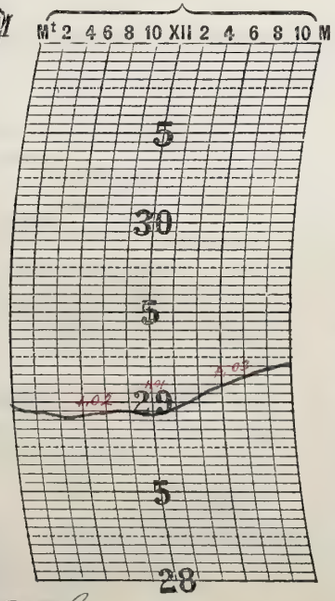
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 59.8 Wet temperature, 52.0
Dew-point, 45 R. humidity, 59 V. pressure, .228
Clouds: Amount, 1; Kind, Cu St; Direction, ___
Velocity of clouds (miles per hour) ___

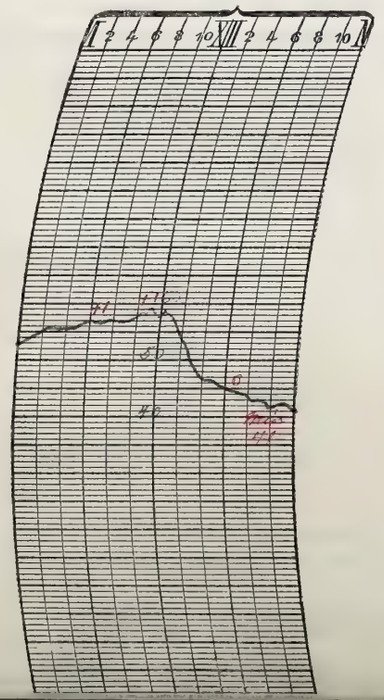
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



Prepared by [illegible]
Verified by [illegible]

ϕ Estimated.

NOTES.

Cold wave warning included in regular am. forecast received this morning 9:23 a.m. All shippers interested were notified by phone and it was published in all M. [illegible]
A special 12 Noon, 75th Meridian Time observation called for by [illegible]

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(*Station*) Fort Wayne, Ind., (*Day of week*) [illegible], (*Date*) Nov. [illegible], 192

Time (local standard). 90° mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	41	40	39	39	37	37	37	36	36	36	38	39
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions							← Cloudy	→ Pt. Cldy	→	← Cloudy		
Sunshine (in tenths of hours)							0	0	0.1	0.6	1.5	1.6
Wind direction	NW	NW	NW	NW	[illegible]	NW	NW	NW	NW	NW	W	NW
Wind movement	11	8	9	10	9	9	9	11	11	9	9	8

Sunrise: Time, 6:23; Character, Cloudy. Moonrise: 6:16 p.

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	38	38	40	38	37	35	35	34	33	32	31	31
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions				→ Pt. Cloudy	→	→ Clear						
Sunshine (in tenths of hours)	0.5	0.2	0.4	0.1								
Wind direction	W	NW	[illegible]	NW	NW	NW	W	W	W	W	W	W
Wind movement	9	10	8	7	5	4	2	2	5	5	4	4

Sunset: Time, 4:27; Character, Cloudy. Moonset: 4:38 p.

Maximum velocities (exceeding 29 miles) direction and time.

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
41	31	36	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow, sleet, and hail on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Cloudy. Moon phase, [illegible]

Average daily cloudiness (0-10), 8

Actual sunshine, hours, 3.2. Possible sunshine, hours, 10.1

Per cent of possible sunshine, 32

Prevailing wind direction, [illegible] Total wind [illegible]

Average hourly velocity, 7.4 Extreme velocity, 16

Maximum velocity, [illegible] Direction, [illegible]

Time began, [illegible]

Reduced barometer, 30.29 7 a. m. 30.25 7 p. m.

River gage, 2.4 Feet

Relative humidity, 89 7 a. m. [illegible] 7 p. m.

	Total duration. From—	Total duration. To—	Total amount of precipitation.	Excessive rate. Began—	Excessive rate. Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																				

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

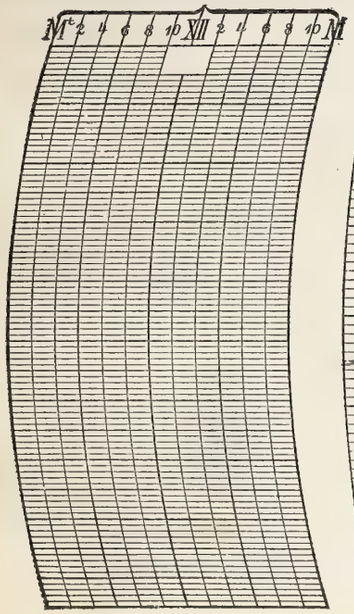
Dry temperature, 38.5 Wet temperature, 34.5

Dew-point, 28 R. humidity, 69 V. pressure, [illegible]

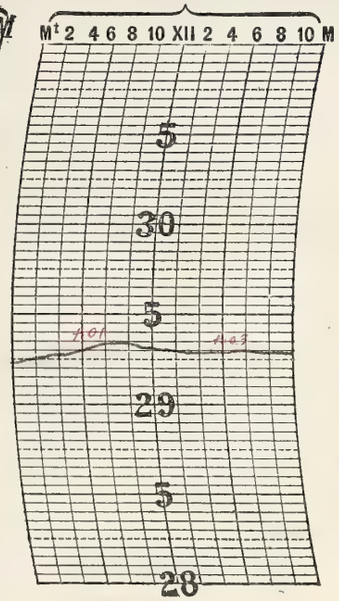
Clouds: Amount, 8; Kind, Cu.; Direction, NW.

Velocity of clouds (miles per hour)

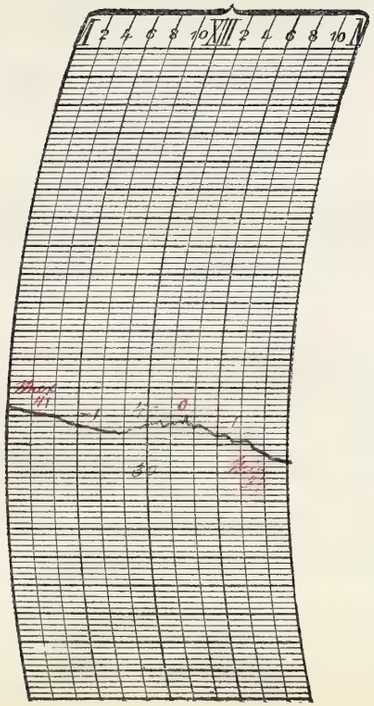
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

A cloudy and cold day with light snow likely [illegible]

Prepared by [illegible]

Verified by [illegible]

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(*Station*) [illegible], (*Day of week*) [illegible], (*Date*) [illegible], 192

Time (local standard). [illegible] mer. normal time.	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	31	30	29	28	27	27	26	29	33	35	37	36
State of weather. Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions							← Clear		× Pt Cloudy			
Sunshine (in tenths of hours)							.60 0	0.3 0.2	1.0	1.0	0.8	0.2
Wind direction	W	W	SW	SW	SW	SW	SW	SW	SW	SW	S	W
Wind movement	2	4	4	5	5	7	7	10	10	15	18	16
Maximum velocities (exceeding [illegible] miles) direction and time												

P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
36	35	35	34	32	31	30	29	29	27	26	25
	Sm B 1:21	Sm E 2:17	Sm B 3:28	—	—	Sm E 6:15		Sm B 8:30	—	—	—
	T	T	T	T	T	T		—	—	—	—
					Cloudy					→	
	0.5	0.1	0	0							
W	NW	W	W	W	W	W	W	W	NW	NW	NW
15	16	19	20	16	15	15	15	12	10	9	7

Sunrise: Time, 6:24 Character, Clear

Moonrise: 7:14 a

Sunset: Time, 4:26 Character, Cloudy

Moonset: 5:20 p

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

Excessive precipitation, accumulated amounts

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
37	25	31	

Total depth of snow for 24 hours ending 7 p. m., T inches.

Snow, sleet, and hail on ground 7 p. m., T inches.

Total snowfall, midnight to midnight, T inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., T ins.

Total precipitation, midnight to midnight, T inches.

Character of day, Pt. Cloudy Moon phase,

Average daily cloudiness (0-10), 7

Actual sunshine, hours, 5.3 Possible sunshine, hours, 10.3

Per cent of possible sunshine, 52

Prevailing wind direction, NW Total wind

Average hourly velocity, Extreme velocity,

Maximum velocity, 25 Direction,

Time began,

Reduced barometer, 30.19 7 a. m. 30.28 7 p. m.

River gage, 2.4 Feet

Relative humidity, a. m. p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

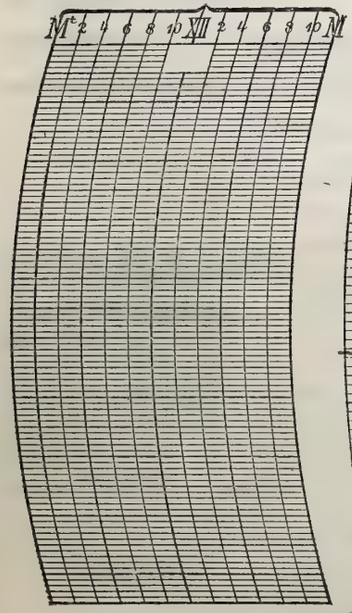
Dry temperature, 35.6 Wet temperature, 31.8

Dew-point, 26 R. humidity, 66 V. pressure, 1.36

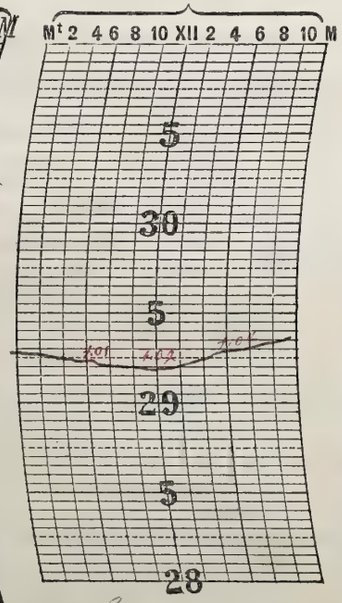
Clouds: Amount, 8; Kind, Cu; Direction, NW

Velocity of clouds (miles per hour)

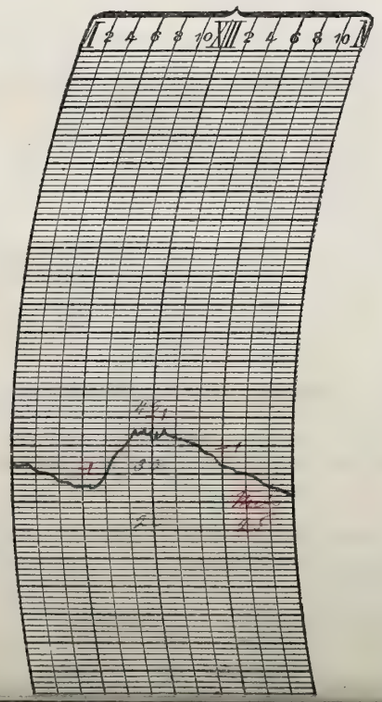
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



Prepared by [illegible]

Verified by P. McDonough

ø Estimated.

NOTES.

Special 2 p.m. (75th Meridian Time) observation called for by the Central Office.

Verified by

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Friday, (Date) [illegible], 192

Time (local standard). 90° mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	25	24	23	21	20	20	21	16	19	22	23	25
State of weather. Nature of precipitation and time of beginning and ending		SnE	Dri									
Amounts of precipitation	—	—	—									
Cloudiness and other conditions							← Clear					
Sunrise: Time, Character,	6:25 Clear											
Moonrise:	8:[illegible]											
Sunshine (in tenths of hours)							.58 0	0.4 0.3	1.0	1.0	0.8	0.8
Wind direction	NW	NW	NW	NW	NW	W	W	W	W	W	W	W
Wind movement	8	3	4		8	7	8	15	9	12	16	15
Maximum velocities (exceeding [illegible] miles) direction and time												

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	24	23	24	26	25	23	21	21	21	20	20	19
State of weather. Nature of precipitation and time of beginning and ending	Sn B 12:40			Sn E 3:12								
Amounts of precipitation	—	—	—	—								
Cloudiness and other conditions												
Sunrise: Time, Character,												
Moonrise:												
Sunset: Time, Character,									4:25 Cloudy			
Moonset:									4:[illegible]			
Sunshine (in tenths of hours)	1.2	0.5	0	0.6	0							
Wind direction	NW	NW	NW	W	W	W	W	W	W	W	W	W
Wind movement	9	16	11	12	13	8	7	10	10	10	0	0
Maximum velocities (exceeding [illegible] miles) direction and time												

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
27	16	22	

Total depth of snow for 24 hours ending 7 p. m., 2.4 inches.

Snow, sleet, and hail on ground 7 p. m., ____ inches.

Total snowfall, midnight to midnight, 0.4 inches.

Precipitation to 7 a. m., .01 ins.; to 7 p. m., .01 ins.

Total precipitation, midnight to midnight, ____ inches.

Character of day, Pt. Cloudy Moon phase, ____

Average daily cloudiness (0-10), ____

Actual sunshine, hours, 6.2 Possible sunshine, hours, ____

Per cent of possible sunshine, 0%

Prevailing wind direction, ____ Total wind ____

Average hourly velocity, 9.2 Extreme velocity, 21

Maximum velocity, 19 Direction, NW

Time began, 1:40 p.

Reduced barometer, 30.42 a. m. 30.34 p. m.

River gage, 2.75

Relative humidity, ____ a. m. ____ p. m.

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

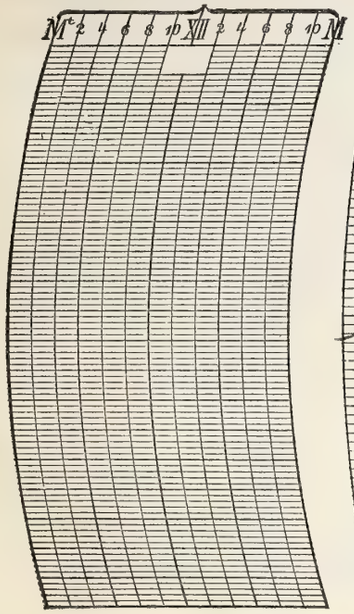
Dry temperature, 25.0 Wet temperature, 23.0

Dew-point, 19 R. humidity, 75 V. pressure, .095

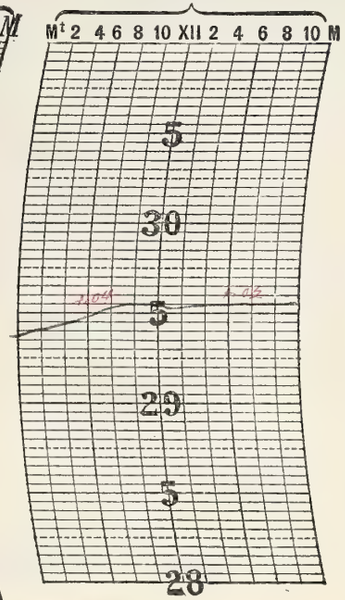
Clouds: Amount, 8; Kind, Stratus; Direction, ____

Velocity of clouds (miles per hour) ____

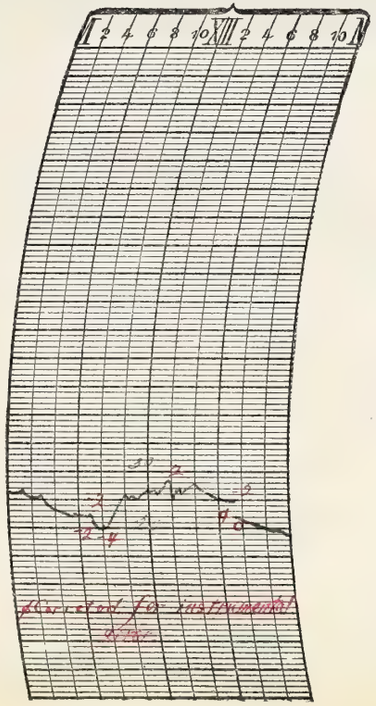
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



ϕ Estimated

NOTES.

A healthy cloudy and very cold day with snow on the ground.

Prepared by ____

Verified by ____

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(*Station*) Fort Wayne, Ind., (*Day of week*) Saturday, (*Date*) [illegible], 192 1

Time (local standard). ____ mer. normal time.	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	17	16	15	15	15	14	14	17	19	21	25	27
State of weather. Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions							← Clear					
Sunshine (in tenths of hours)							.57 0	0.8 0.2	1.0	1.0	1.0	1.0
Wind direction	SW	SW	SW	SW	SW	SW	SW	SW	W	W	[illegible]	[illegible]
Wind movement	8	8	9	8	10	11	10	10	13	12	14	14

Time (local standard). ____ mer. normal time.	P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	28	31	30	30	29	29	27	25	24	24	23	22
State of weather. Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions					Clear →							
Sunshine (in tenths of hours)	1.0	1.0	1.0	0.2 0.8	.42 0							
Wind direction	W	W	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW
Wind movement	13	13	14	12	10	8	9	9	10	9	9	9

Sunrise: Time, 6:26 Character, Clear

Moonrise: [illegible]

Sunset: Time, [illegible] Character, Clear

Moonset: [illegible]

Maximum velocities (exceeding [illegible] miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
31	15	23	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow, sleet, and hail on ground 7 p. m., T inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Clear Moon phase, ____

Average daily cloudiness (0–10), 1

Actual sunshine, hours, 10.0 Possible sunshine, hours, ____

Per cent of possible sunshine, 100

Prevailing wind direction, [illegible] Total wind [illegible]

Average hourly velocity, 11.5 Extreme velocity, [illegible]

Maximum velocity, 16 Direction, SW

Time began, 9:25

Reduced barometer, [illegible] a. m. 30.44, p. m.

River gage, 2.35 feet

Relative humidity, [illegible] a. m. 46 p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

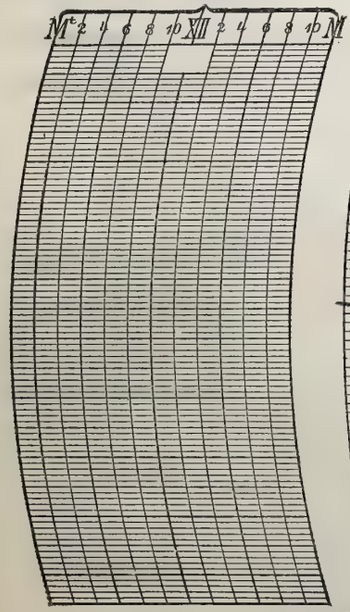
Dry temperature, 27.0 Wet temperature, [illegible]

Dew-point, 7 R. humidity, 32 V. pressure, [illegible]

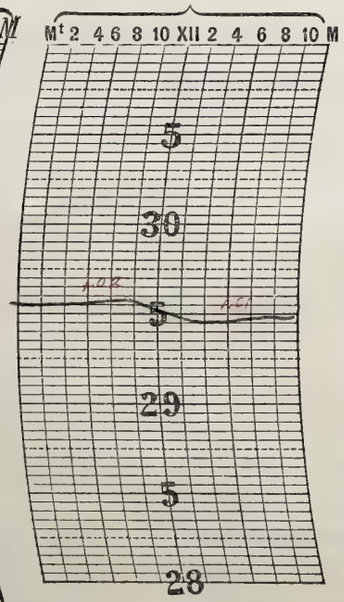
Clouds: Amount, [illegible]; Kind, [illegible]; Direction, [illegible]

Velocity of clouds (miles per hour)

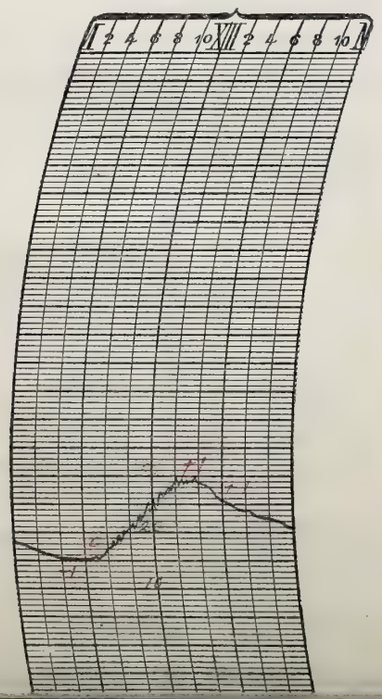
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

a clear and cold day

Prepared by [illegible]

Verified by [illegible]

Verified by

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Sunday, (Date) [illegible], 192

Time (local standard). 90° mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	21	21	20	20	19	19	18	20	24	27	31	32
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions							← Clear					
Sunrise: Time, Character,	6:28 Clear											
Moonrise:	9:43a											
Sunshine (in tenths of hours)							.53 0	0.8 0.2	1.0	1.0	1.0	1.0
Wind direction	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW
Wind movement	9	8	8	9	8	8	8	8	9	11	12	13
Maximum velocities (exceeding 29 miles) direction and time												

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	33	34	33	33	32	32	32	32	31	31	30	30
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions	Pt. Cloudy			Cloudy					→			
Sunset: Time, Character,									4:24 Cloudy			
Moonset:									7:46p			
Sunshine (in tenths of hours)	0.9	1.0	0.1	0	0							
Wind direction	SW	SW	SW	SW	SW	SW	SW	SW	SW	W	SW	SW
Wind movement	12	11	11	10	9	5	5	6	6	9	10	8
Maximum velocities (exceeding 29 miles) direction and time												

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
34	18	26	

Total depth of snow for 24 hours ending 2 p. m., 0 inches.

Snow, sleet, and hail on ground 7 p. m., T inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Pt. Cloudy Moon phase,

Average daily cloudiness (0-10), 4

Actual sunshine, hours, 7.5 Possible sunshine, hours, 9.9

Per cent of possible sunshine, 76

Prevailing wind direction, SW Total wind [illegible]

Average hourly velocity, [illegible] Extreme velocity,

Maximum velocity, 15 Direction, SW

Time began,

Reduced barometer, 30.43 7 a. m. 30.36 7 p. m.

River gage, 2.1 Feet

Relative humidity, 68 7 a. m. 56 7 p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

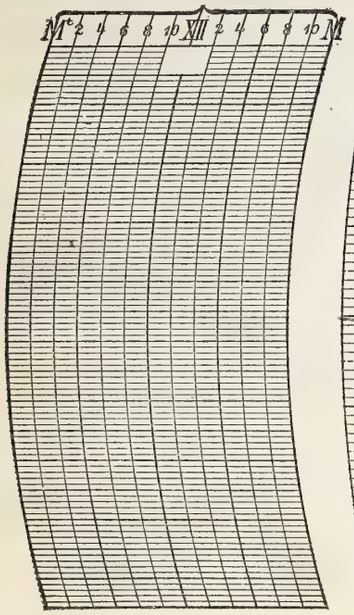
Dry temperature, 32.5 Wet temperature, 27.5

Dew-point, 18 R. humidity, 51 V. pressure; 0.23

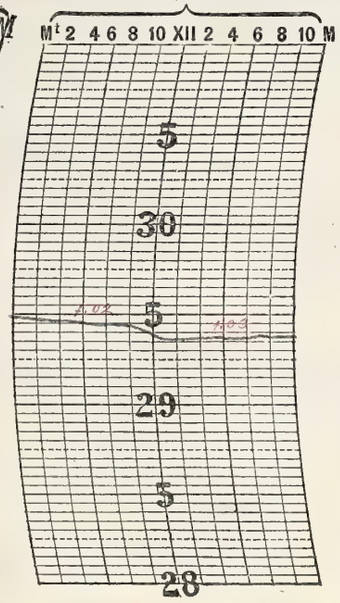
Clouds: Amount, 7; Kind, St; Direction, SW

Velocity of clouds (miles per hour)

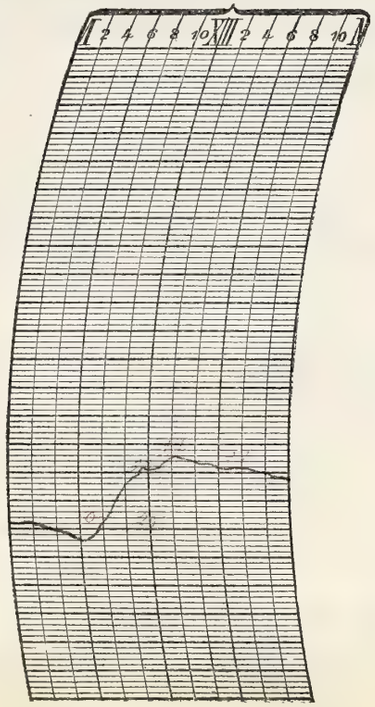
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

Prepared by

Verified by P. M. Dowell

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(*Station*) [illegible], (*Day of week*) [illegible], (*Date*) [illegible], 192

Time (local standard). ____ mer. normal time.	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	29	28	27	[illegible]	26	26	26	28	30	30	32	33
State of weather. Nature of precipitation and time of beginning and ending		S 8 DUA	S 8 DUA					S 8 7:10			S 8 1:57	
Amounts of precipitation		—	—					—	—	—	—	
Cloudiness and other conditions							← Cloudy					

P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
34	36	37	35	34	33	32	31	30	29	29	29
		S 16 2:59		S 16 4:40		S 16 6:28	S 16 7:17				
		—	—	—		—	—				
					→ Cloudy						

Sunrise: Time, 6:29 Character, Cloudy

Moonrise: 10:24a

Sunset: Time, 4:23 Character, Cloudy

Moonset: 2:39p

	12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Sunshine (in tenths of hours)							0	0	0	0	0	0
Wind direction	W	SW	SW	SW	SW	SW	SW	SW	SW	W	W	W
Wind movement	8	8	8	8	9	7	8	9	8	8	6	4
Maximum velocities (exceeding ____ miles) direction and time												

	12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Sunshine (in tenths of hours)	0.2	0.2	0.9	0	0							
Wind direction	W	W	W	W	W	W	NE	NE	NE	NE	NE	NE
Wind movement	4	4	5	5	6	6	9	5	8	8	10	9
Maximum velocities (exceeding ____ miles) direction and time												

Total duration. From—	Total duration. To—	Total amount of precipitation.	Excessive rate. Began—	Excessive rate. Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
37	26	32	

Total depth of snow for 24 hours ending ____ p. m., ____ inches.

Snow, sleet, and hail on ground ____ p. m., ____ inches.

Total snowfall, midnight to midnight, T inches.

Precipitation to ____ a. m., T ins.; to ____ p. m., T ins.

Total precipitation, midnight to midnight, T inches.

Character of day, Cloudy Moon phase, ____

Average daily cloudiness (0–10), ____

Actual sunshine, hours, 1.4 Possible sunshine, hours, ____

Per cent of possible sunshine, 14

Prevailing wind direction, SW Total wind ____

Average hourly velocity, ____ Extreme velocity, ____

Maximum velocity, 13 Direction, NE

Time began, 6:34 p.m.

Reduced barometer, 30.37 a. m. 30.40 p. m.

River gage, 3.2 Feet

Relative humidity, 70 a. m. 85 p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

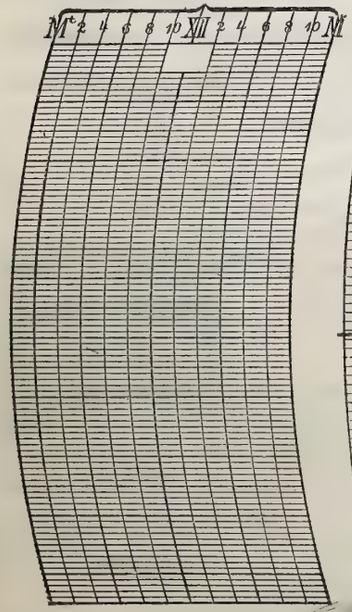
Dry temperature, 32.8 Wet temperature, 30.8

Dew-point, 28 R. humidity, 80 V. pressure, .150

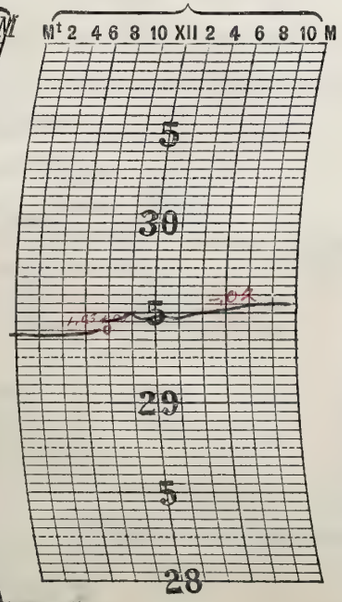
Clouds: Amount, 10; Kind, St; Direction, SW

Velocity of clouds (miles per hour) ____

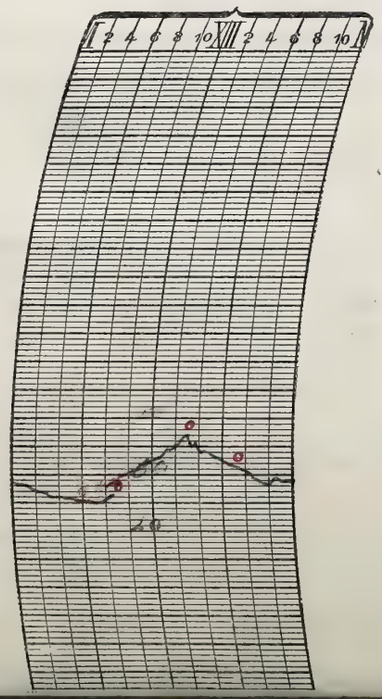
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

A cloudy and somewhat cold day with snow flurries through the greater portion thereof.

Prepared by [illegible]

Verified by P. McRonoff

Verified by

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Tuesday, (Date) Nov 16 1926, 192

Time (local standard). 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	28	27	26	25	25	25	25	25	25	27	28	29
State of weather: Nature of precipitation and time of beginning and ending							S 6/3					S 0E 11:29 S 0B 11:52
Amounts of precipitation							—	—	—	—	—	—
Cloudiness and other conditions							← Cloudy					
Sunshine (in tenths of hours)							0	0	0	0	0	0
Wind direction	NE	N	NE	NE	NE	NE	NE	N	N	NE	NE	N
Wind movement	9	8	7	12	10	10	12	11	11	10	10	11

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	29	29	28	28	28	27	27	27	27	27	26	25
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation	—	—	—	—	—	—	—	—	—	—	—	—
Cloudiness and other conditions					← Cloudy							→
Sunshine (in tenths of hours)	0	0	0	0	0							
Wind direction	N	N	N	N	N	N	N	N	N	N	N	
Wind movement	12	13	11	8	7	9		10	13	12	11	11

Sunrise: Time, 6:30 Character, Cloudy
Moonrise: 10:34 a.
Sunset: Time, 4:22 Character, Cloudy
Moonset: 0:53 a.

Maximum velocities (exceeding 25 miles) direction and time

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
29	25	27	

Total depth of snow for 24 hours ending 7 p. m., 0.5 inches.
Snow, sleet, and hail on ground 7 p. m., 2 inches.
Total snowfall, midnight to midnight, 2.9 inches.
Precipitation to 7 a. m., T ins.; to 7 p. m., 0.0 ins.
Total precipitation, midnight to midnight, 0.14 inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0-10), 10
Actual sunshine, hours, 0 Possible sunshine, hours, 9.2
Per cent of possible sunshine, 0
Prevailing wind direction, Total wind
Average hourly velocity, 10.7 Extreme velocity,
Maximum velocity, 16 Direction, N
Time began, 8:43 p.m.
Reduced barometer, 30.411 7 a. m. 30.411 7, p. m.
River gage, 3.1 Fall
Relative humidity, 7 a. m. p. m.

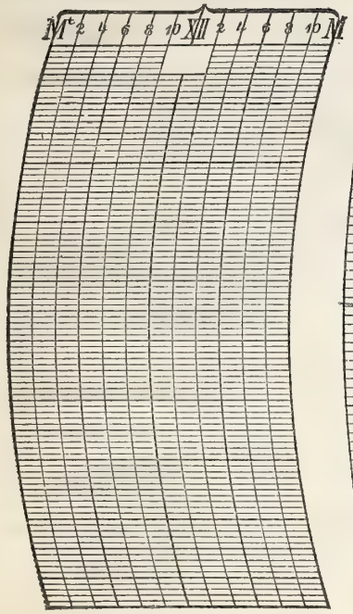
Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

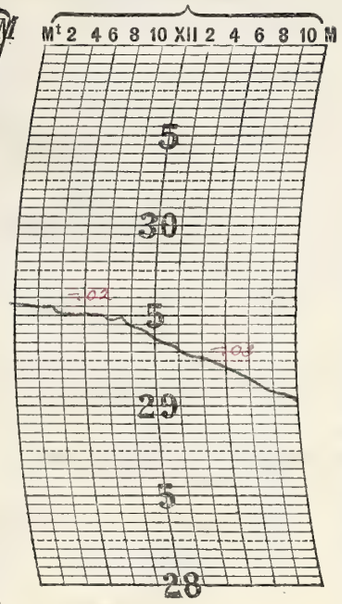
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 28.3 Wet temperature, 25.8
Dew-point, 21 R. humidity, 71 V. pressure, .105
Clouds: Amount, 10; Kind, St; Direction, NE
Velocity of clouds (miles per hour)

THERMOGRAPH.



BAROGRAPH.



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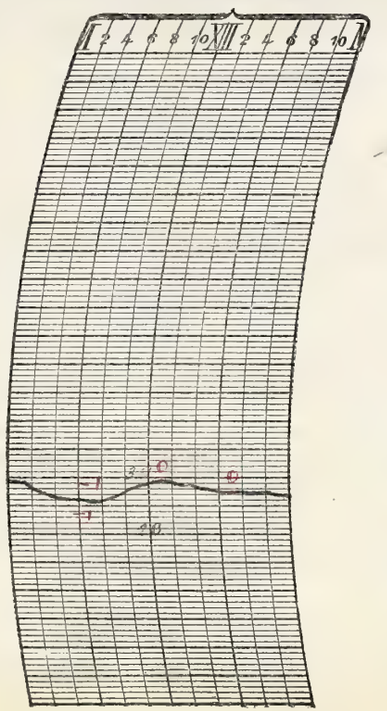


Prepared by
Verified by

8—486

NOTES.

A cloudy and cold day with [illegible] rain throughout the [illegible]

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Wednesday, (Date) NOV 1 1928, 192

Time (local standard). 90th mer. normal time.

	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	25	26	26	27	27	28	29	30	32	34	35	34
State of weather. Nature of precipitation and time of beginning and ending									SE 8½			
Amounts of precipitation	—	—	—	—	—	—	—	—	—			
Cloudiness and other conditions									Cloudy			
Sunrise: Time, 6:31 Character, Cloudy												
Moonrise: 11:32a												
Sunshine (in tenths of hours)												
Wind direction	NW	NW	NW	NW		NW	NW	NW	NW	NW		
Wind movement	15	15		12	14	15	2		11	16	5	13
Maximum velocities (exceeding ____ miles) direction and time												

	P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	33	34	34	33	32	31	30	27	26	26	27	27
State of weather. Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions				Cloudy →								
Sunset: Time, 4:21 Character, Cloudy												
Moonset: 10:34p												
Sunshine (in tenths of hours)	6	3	10	6								
Wind direction	W	W	W	W	SW	SW	SW	SW	SW	SW	SW	SW
Wind movement	13	14	13		1	8	9	5	12	12	12	
Maximum velocities (exceeding ____ miles) direction and time												

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
35	25		

Total depth of snow for 24 hours ending 7 p. m., 4.7 inches.
Snow, sleet, and hail on ground 7 p. m., 2.1 inches.
Total snowfall, midnight to midnight, 0.9 inches.
Precipitation to 7 a. m., 10 ins.; to 7 p. m., T ins.
Total precipitation, midnight to midnight, .04 inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0–10), 10
Actual sunshine, hours, 0.6 Possible sunshine, hours,
Per cent of possible sunshine, 6
Prevailing wind direction, NW Total wind
Average hourly velocity, Extreme velocity,
Maximum velocity, Direction,
Time began,
Reduced barometer, 29.76 7 a. m. 30.2 7 p. m.
River gage,
Relative humidity, 7 a. m. p. m.

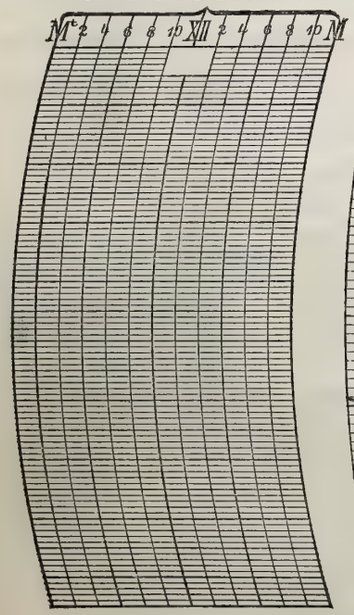
Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

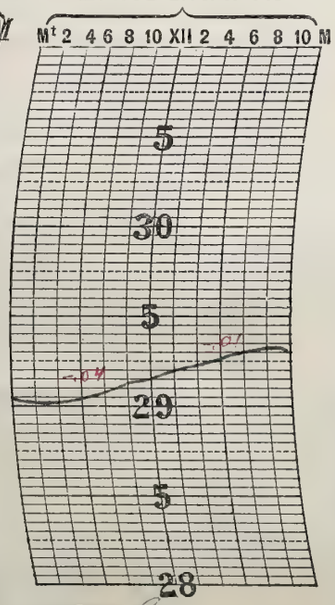
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 32.9 Wet temperature, 31.3
Dew-point, 28 R. humidity, 76 V. pressure,
Clouds: Amount, 10; Kind, St; Direction,
Velocity of clouds (miles per hour)

THERMOGRAPH.



BAROGRAPH.



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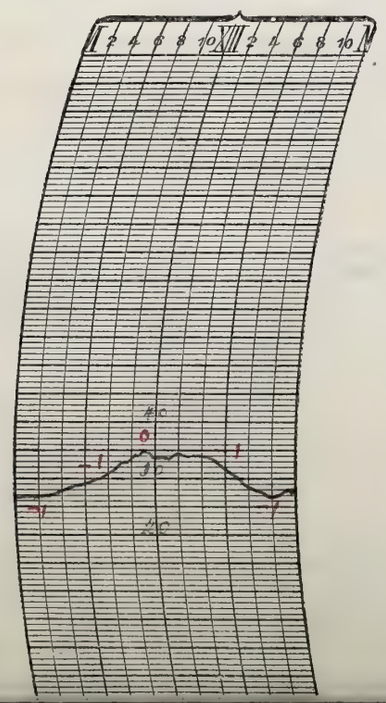


Prepared by
Verified by

ϕ Estimated.

NOTES.

A cloudy day with seasonal temperatures.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) [illegible], (Day of week) Thursday, (Date) [illegible], 192

Time (local standard). [illegible] mer. normal time.	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	27	27	28	30	30	31	31	33	35	37	39	39	40	42	42	41	39	37	37	36	35	35	35	35
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions							← Cloudy						→ Pt Cloudy ×			Clear								
Sunrise: Time, Character,	6:32 Cloudy																							
Moonrise:	12:04 AM																							
Sunset: Time, Character,																					4:20 Clear			
Moonset:																					4:31 PM			
Sunshine (in tenths of hours)							0	0	0.1	1.0	0.3		0	0.7	1.0	0.3	0.7 / 3							
Wind direction	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW
Wind movement	11	11	11	11	12	10	12	11	14	14	13	11	11	13	14	13	10	8	7	7	10	13	12	[illegible]
Maximum velocities (exceeding [illegible] miles) direction and time																								

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
42	26	34	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 0 p. m., 0 inches.
Total snowfall, midnight to midnight, [illegible] inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Pt Cloudy, Moon phase, [illegible]
Average daily cloudiness (0-10), 6
Actual sunshine, hours, 4.6 Possible sunshine, hours, [illegible]
Per cent of possible sunshine, 47
Prevailing wind direction, SW Total wind 26[illegible]
Average hourly velocity, 11.0 Extreme velocity, [illegible]
Maximum velocity, 18 Direction, [illegible]
Time began, [illegible]
Reduced barometer, 30.26 7 a. m. [illegible] 7 p. m.
River gage, [illegible]
Relative humidity, 69 7 a. m. [illegible] p. m.

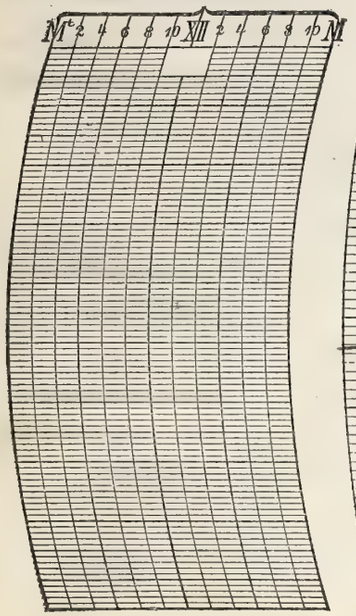
Excessive precipitation, accumulated amounts	Total duration. From—	Total duration. To—	Total amount of precipitation.	Excessive rate. Began—	Excessive rate. Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

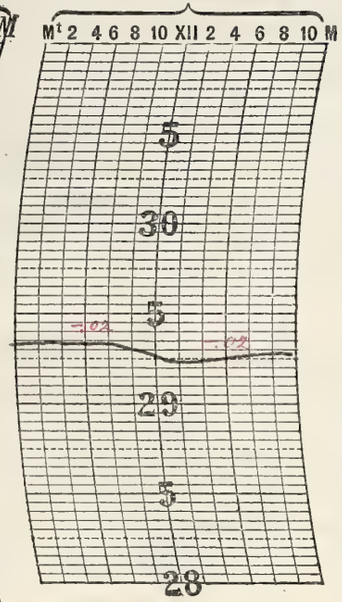
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 38.2 Wet temperature, 33.0
Dew-point, 25 R. humidity, 58 V. pressure, 130
Clouds: Amount, 10; Kind, St; Direction, SW
Velocity of clouds (miles per hour)

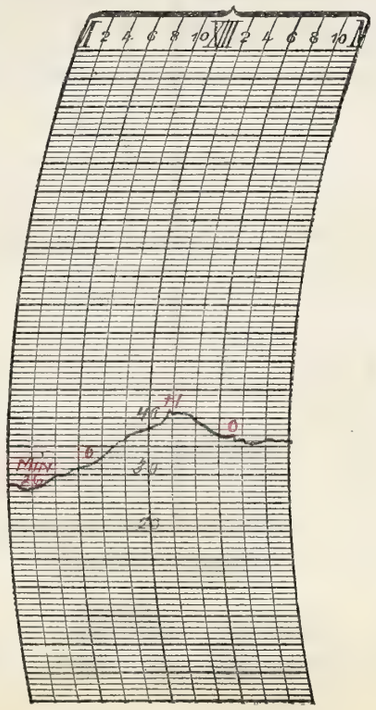
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

A hearty cloudy day with moderate temperature making it rather pleasant outdoors.

Prepared by [illegible]

Verified by [illegible]

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) ....., *(Day of week)* ....., *(Date)* ....., *192*

Time (local standard). ..... mer. normal time.

	A. M.												P. M.											
	12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	33	32	32	32	33	34	35	39	43	47	50	52	55	56	57	56	54	53	54	52	51	50	49	49
State of weather. Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions							← Pt. Cloudy						→ Pt. Cloudy											
	Sunrise: Time, 6:33 Character, Cloudy. Moonrise: 12:34 PM																				Sunset: Time, 4:20 Character, Cloudy. Moonset: —			
Sunshine (in tenths of hours)							0	0.2	0.7	1.0	1.0	1.0	1.0	1.0	1.0	0.3	0							
Wind direction	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	NW	SW	SW	SW	SW	SW	NW	SW	SW	SW	SW	SW	SW
Wind movement	10	9	9	9	9	10	12	13	14	15	16	17	16	13	12	12	13	14	14	15	18	13	13	12
Maximum velocities (exceeding ..... miles) direction and time																								

Total duration. From—	Total duration. To—	Total amount of precipitation.	Excessive rate. Began—	Excessive rate. Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

Excessive precipitation, accumulated amounts

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
57	[illegible]	[illegible]	

Total depth of snow for 24 hours ending ..... p. m., ... inches.

Snow, sleet, and hail on ground 0 p. m., 0 inches.

Total snowfall, midnight to midnight, ... inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Pt. Cloudy. Moon phase, ...

Average daily cloudiness (0–10), 4

Actual sunshine, hours, 6.9 Possible sunshine, hours, 9.5

Per cent of possible sunshine, 70

Prevailing wind direction, SW Total wind [illegible]

Average hourly velocity, [illegible] Extreme velocity, [illegible]

Maximum velocity, 24 Direction, SW

Time began, 12:15 p.m.

Reduced barometer, [illegible] 7 a. m. [illegible], p. m.

River gage, [illegible]

Relative humidity, [illegible] 7 a. m. [illegible] p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

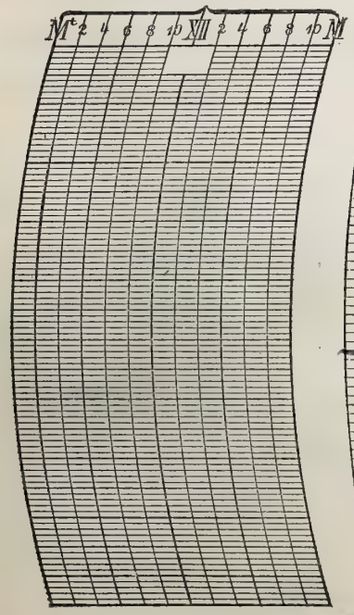
Dry temperature, 51.6 Wet temperature, 43.1

Dew-point, 33 R. humidity, 49 V. pressure, [illegible]

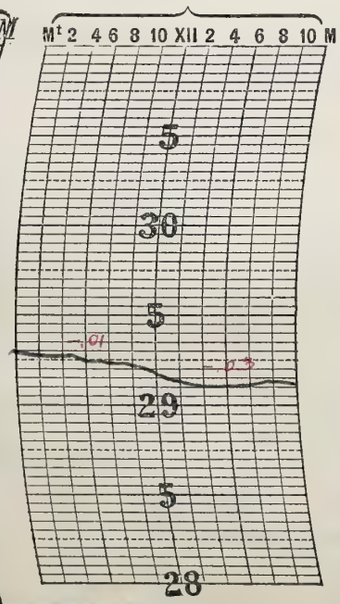
Clouds: Amount, 7; Kind, Cst.; Direction, N

Velocity of clouds (miles per hour)

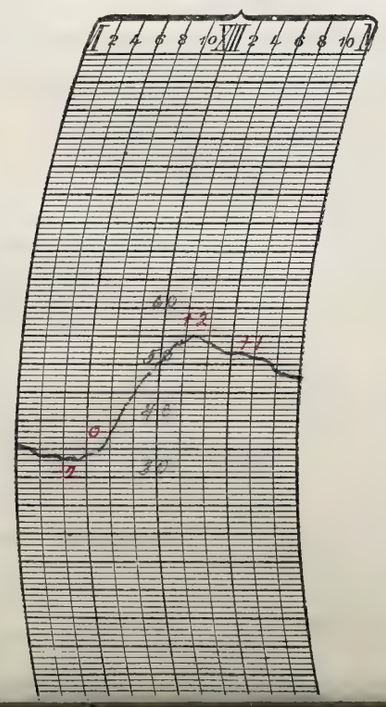
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

A partly cloudy day with moderate temperatures.

Lunar halo of 20° observed at 6:15 p.m. It was fairly bright though no colors were distinguishable. The phenomena ended about 8:50 p.m.

Prepared by .....

Verified by .....

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind, (Day of week) Saturday, (Date) Nov 10, 192

Time (local standard). 90th mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	48	46	46	46	44	44	44	46	50	55	57	60
State of weather. Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions							← Pt. Cloudy					
Sunshine (in tenths of hours)							0	0	0.6	1.0	1.0	1.0
Wind direction	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW
Wind movement	11	13	13	13	11	11	8	10	11	11	11	13

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	62	63	63	61	58	56	55	54	53	52	51	52
State of weather. Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions							Clear					
Sunshine (in tenths of hours)	1.0	1.0	1.0	0.4 .32 0.6	0							
Wind direction	SW	SW	SW	S	S	S	S	S	S	SW	SW	SW
Wind movement	13	12	12	11	9	10	10	10	12	11	10	10

Sunrise: Time, 6:35 Character, Cloudy

Moonrise: 10:41

Sunset: Time, 4:16 Character, Clear

Moonset: 10:50

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
63	44	54	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow, sleet, and hail on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Clear Moon phase,

Average daily cloudiness (0-10), 2

Actual sunshine, hours, 9.2 Possible sunshine, hours, 9.2

Per cent of possible sunshine, 99

Prevailing wind direction, SW Total wind

Average hourly velocity, 11.2 Extreme velocity, 17

Maximum velocity, 15 Direction, SW

Time began, 2:41 p.m.

Reduced barometer, 30.21 7 a. m. 29.84 7 p. m.

River gage, 3.1 6 a.

Relative humidity, 72 7 a. m. 6 p. m.

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

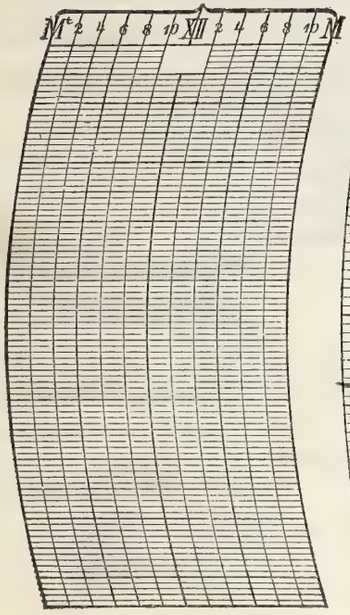
Dry temperature, 59.0 Wet temperature, 50.7

Dew-point, 43 R. humidity, 56 V. pressure, .270

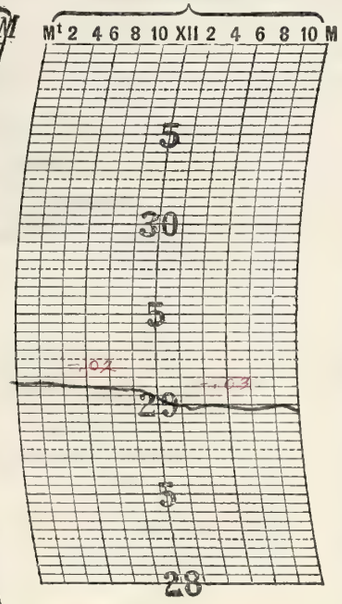
Clouds: Amount, 0; Kind, 0; Direction, 0

Velocity of clouds (miles per hour)

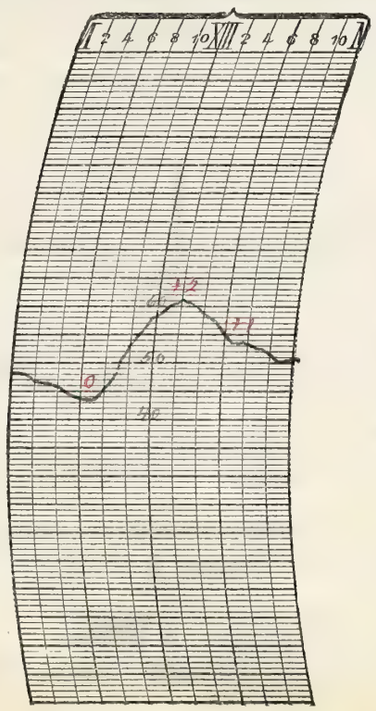
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

Decreasing Cloudiness from the early morning with afternoon and night Clear; fair and cool Temperature

Prepared by

Verified by

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(*Station*) _____, (*Day of week*) _____, (*Date*) _____, 192

Time (local standard). ___ mer. normal time.	A. M.												P. M.											
	12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	52	52	52	52	52	52	53	53	55	57	58	59	61	60	60	61	60	60	59	58	57	56	54	53
State of weather. Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions							← Cloudy						→ Cloudy											
Sunrise: Time, 6:36a Character, Cloudy																					Sunset: Time, 4:18p Character, Cloudy			
Moonrise: 1:35p																					Moonset: 1:32a			
Sunshine (in tenths of hours)							0	0	0	0	0.2	0	0.4	0.8	0	0	0							
Wind direction	S	S	S	S		S	S	S	S	S	SW	SW	SW	SW	SW	SW	SW	SW	S	S	SW	W	W	W
Wind movement	11	11	10	10	11	12	11	12	12	12			14	12	11		8	9	9	9	8	6	3	6
Maximum velocities (exceeding 20 miles) direction and time																								

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
61	52	[illegible]	

Total depth of snow for 24 hours ending 7 p. m., 2 inches.

Snow, sleet, and hail on ground 7 p. m., 2 inches.

Total snowfall, midnight to midnight, 6 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Cloudy Moon phase, _____

Average daily cloudiness (0–10), 9

Actual sunshine, hours, 2.4 Possible sunshine, hours, 2.4

Per cent of possible sunshine, 14

Prevailing wind direction, S Total wind 4[illegible]

Average hourly velocity, 11.1 Extreme velocity, 24

Maximum velocity, 24 Direction, S

Time began, 1:17 pm

Reduced barometer, 29.76.7 a. m. 29.66.6 p. m.

River gage, 0.5 [illegible]

Relative humidity, 75 a. m. [illegible] p. m.

Excessive precipitation, accumulated amounts	Total duration. From—	Total duration. To—	Total amount of precipitation.	Excessive rate. Began—	Excessive rate. Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

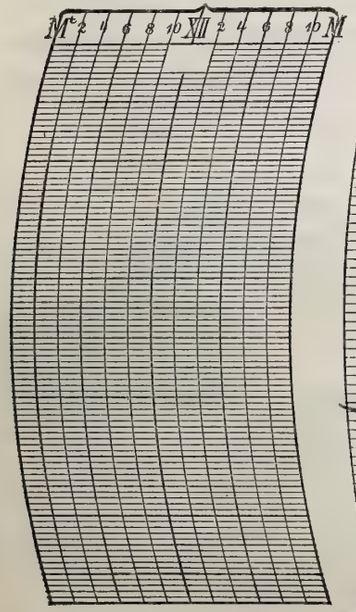
Dry temperature, 58.0 Wet temperature, 52.0

Dew-point, 47 R. humidity, 64 V. pressure, [illegible]

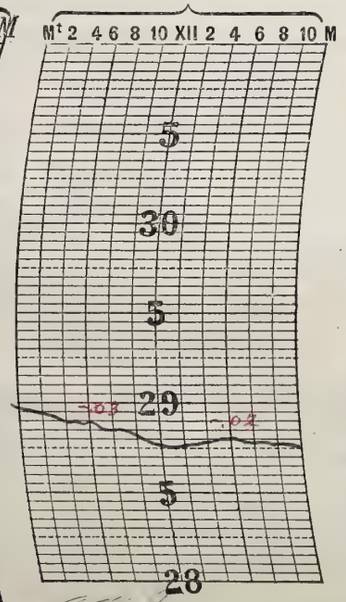
Clouds: Amount, 10; Kind, St.Cu.; Direction, S[illegible]

Velocity of clouds (miles per hour) _____

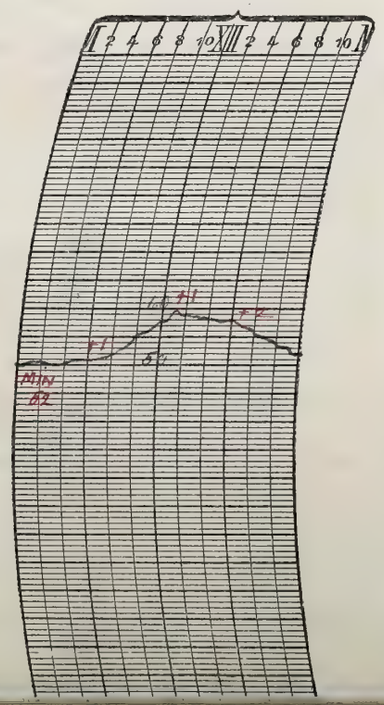
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

Cloudy day, with moderate temperature

Prepared by _____

Verified by _____

FORM NO. 1011—MCH 1.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Monday, (Date) Nov. 11 1901, 192

Time (local standard). 90° mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	53	52	49	46	44	44	44	43	42	41	41	40
State of weather: Nature of precipitation and time of beginning and ending			RB DNA									
Amounts of precipitation			—	—	—	—	—	—	—	—	—	—
Cloudiness and other conditions							← Cloudy					
Sunrise: Time, 6:37 Character, Cloudy												
Moonrise: 2:08p												
Sunshine (in tenths of hours)							0	0	0	0	0	0
Wind direction	W	NW	W	NW	NW	NW	NW	NW	NW	NW	NW	NW
Wind movement	3	5	6	9	10	9	8	9	12	11	12	23
Maximum velocities (exceeding 29 miles) direction and time												

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	40	39	39	38	38	37	36	36	36	36	37	38
State of weather: Nature of precipitation and time of beginning and ending							RE 6:20 S^m B 6:20	S^m E 7:05 RB 7:05				RE DNP
Amounts of precipitation	—	—	—	—	—	—	—	—	—	—	—	—
Cloudiness and other conditions			← Cloudy									
Sunset: Time, 4:18 Character, Cloudy												
Moonset: 2:33a												
Sunshine (in tenths of hours)	0	0	0	0	0							
Wind direction	NW	NW	W	W	W	W	W	W	W	W	W	NW
Wind movement	15	14	18	15	18	17	15	16	15	13	8	5
Maximum velocities (exceeding 29 miles) direction and time												

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
53	35	44	

Total depth of snow for 24 hours ending 7 p. m., T inches.

Snow, sleet, and hail on ground 7 p. m., * 0 inches.

Total snowfall, midnight to midnight, T inches.

Precipitation to 7 a. m., T ins.; to 7 p. m., 0.02 ins.

Total precipitation, midnight to midnight, 0.04 inches.

Character of day, Cloudy Moon phase,

Average daily cloudiness (0-10), 10

Actual sunshine, hours, 0 Possible sunshine, hours, 9.5

Per cent of possible sunshine, 0

Prevailing wind direction, NW. Total wind 288

Average hourly velocity, 12.0 Extreme velocity, 23

Maximum velocity, 29 Direction, NW

Time began, 4:39 pm

Reduced barometer, 29.60 7 a. m. 29.67 7 p. m.

River gage, 3.0 ft

Relative humidity, 92 7 a. m. 87 7 p. m.

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

OBSERVATIONS AT 12 NOON. (Local Mean Time.)

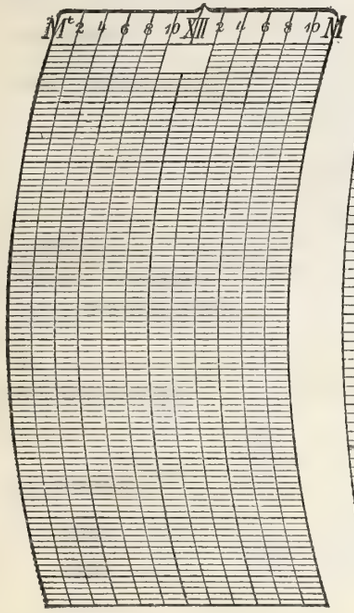
Dry temperature, 40.1 Wet temperature, 38.5

Dew-point, 35 R. humidity, 90 V. pressure, .228

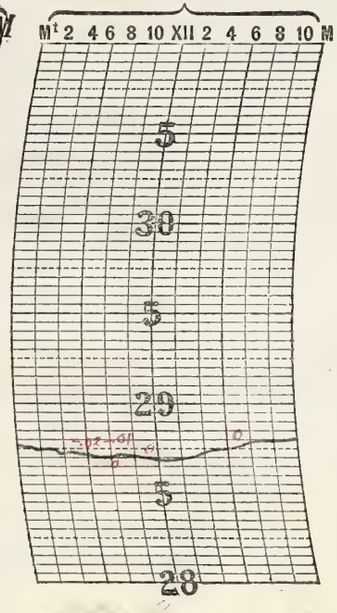
Clouds: Amount, 10; Kind, Nb; Direction, NW

Velocity of clouds (miles per hour)

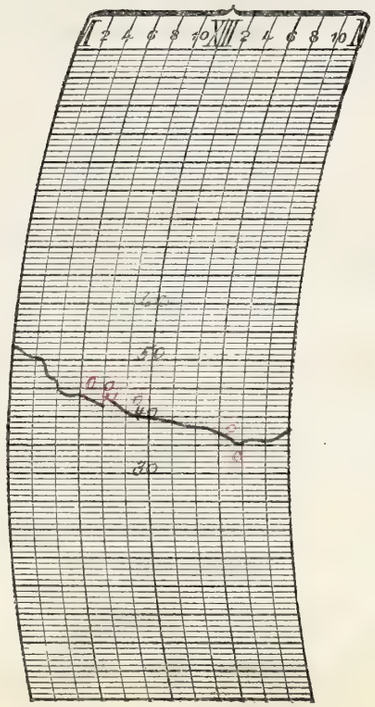
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

* Meter as at 7 a.m.

Official 12 Noon (75th Meridian Time) observation called for for the Central Office.

Dark and dreary day with a steady fall of light rain. Artificial light required throughout the day.

Prepared by

Verified by T. W. Forsyth

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) [illegible], (Day of week) Tuesday, (Date) [illegible], 192

Time (local standard). 90th mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	38	38	39	40	40	40	40	39	39	39	39	39
State of weather: Nature of precipitation and time of beginning and ending								AB 7:50	—	—	AF 10:15	
Amounts of precipitation								—	—	—	—	
Cloudiness and other conditions							← Cloudy					
Sunrise: Time, Character,	6:38 Cloudy											
Moonrise:	2:44p											
Sunshine (in tenths of hours)							0	0	0	0	0	0
Wind direction	NW	NW	NW	NW	N	NW	NW	NW	NW	NW	NW	NW
Wind movement	10	10	9	10	11	11	9	10	7	7	6	7
Maximum velocities (exceeding ___ miles) direction and time												

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	40	40	41	40	40	40	41	41	41	41	41	41
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions				Cloudy →								
Sunset: Time, Character,									4:17 Cloudy			
Moonset:									3:42a			
Sunshine (in tenths of hours)	0	0	0	0	0							
Wind direction	NW	NW	NW	NW	NW	NW	NW	NW	NW	W	W	W
Wind movement	8	7	6	5	5	4	4	5	4	5	4	5
Maximum velocities (exceeding ___ miles) direction and time												

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

Excessive precipitation, accumulated amounts

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
41	38	[illegible]	

Total depth of snow for 24 hours ending 7 p. m., T inches.

Snow, sleet, and hail on ground ___ p. m., ___ inches.

Total snowfall, midnight to midnight, ___ inches.

Precipitation to 7 a. m., .02 ins.; to 7 p. m., [illegible] ins.

Total precipitation, midnight to midnight, ___ inches.

Character of day, Cloudy Moon phase, ___

Average daily cloudiness (0-10), [illegible]

Actual sunshine, hours, 0 Possible sunshine, hours, ___

Per cent of possible sunshine, 0

Prevailing wind direction, NW Total wind [illegible]

Average hourly velocity, [illegible] Extreme velocity, [illegible]

Maximum velocity, 12 Direction, NW

Time began, 12:35 am

Reduced barometer, 28.26 7 a. m. [illegible] p. m.

River gage, [illegible]

Relative humidity, 91 7 a. m. 20 p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

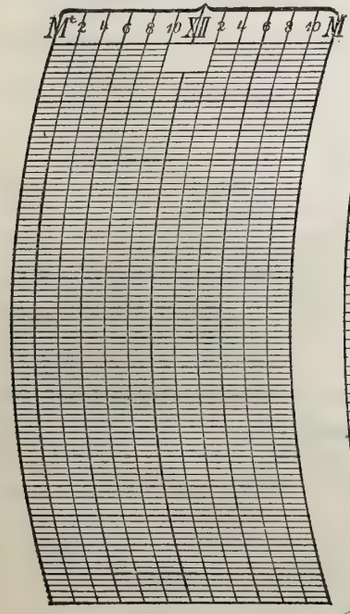
Dry temperature, 39.2 Wet temperature, 38.2

Dew-point, 37 R. humidity, 92 V. pressure, .212

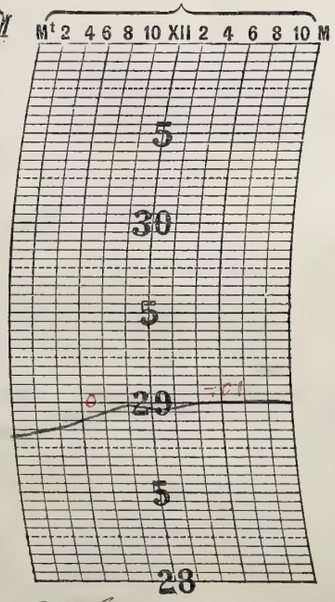
Clouds: Amount, 10; Kind, St; Direction, ___

Velocity of clouds (miles per hour)

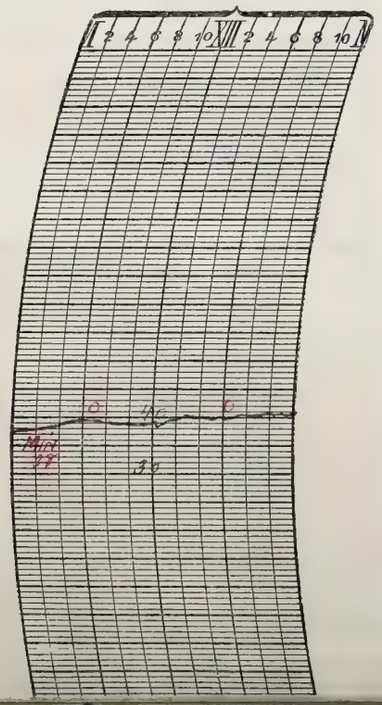
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

A cloudy and gloomy day with light rain in the forenoon and small range in temperature.

Prepared by [illegible]

Verified by [illegible]

Form No. 1014—Met. I.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind, (Day of week) Wednesday, (Date) NOV 24 1920, 192

Time (local standard). 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	41	40	40	40	40	40	40	39	40	40	40	40
State of weather: Nature of precipitation and time of beginning and ending					RE 5:55 DNA				RE 8:32			
Amounts of precipitation					—	—	—	—	—			
Cloudiness and other conditions							Cloudy					
Sunshine (in tenths of hours)							0	0	0	0	0	0
Wind direction	W	W	W	W	W	W	W	W	W	W	W	W
Wind movement	6	9	8	7	8	7	8	7	7	8	9	11

P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
39	40	40	40	39	39	40	39	39	39	39	39
	RB 1:05 RE 1:30					RB 6:44	RE 7:10				
	—					—	—				
			Cloudy								
0	0	0	0	0							
W	W	W	W	W	W	W	W	W	W	W	W
11	10	10	10	9	9	8	9	8	8	7	7

Sunrise: Time, 6:39 Character, Cloudy
Moonrise: 3:27 p.
Sunset: Time, 4:16 Character, Cloudy
Moonset: 4:51 a.

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
41	39	40	

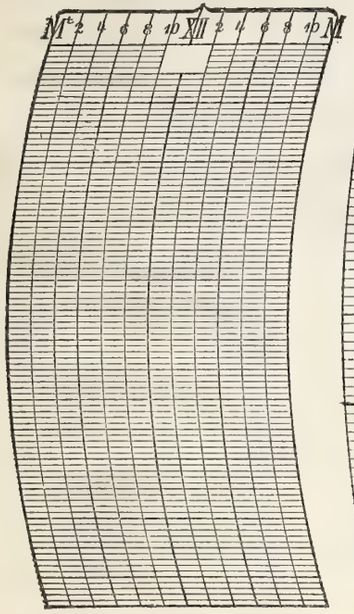
Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., .05 ins.; to 7 p. m., T ins.
Total precipitation, midnight to midnight, .08 inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0-10), 10
Actual sunshine, hours, 0 Possible sunshine, hours, 0
Per cent of possible sunshine, 0
Prevailing wind direction, W Total wind 200
Average hourly velocity, 8.4 Extreme velocity, 14
Maximum velocity, 13 Direction, SW
Time began, 12:15 p.m.
Reduced barometer, 29.82 a. m. 30.01, p. m.
River gage, 0.2 fall
Relative humidity, a. m. 94 p. m.

	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																				

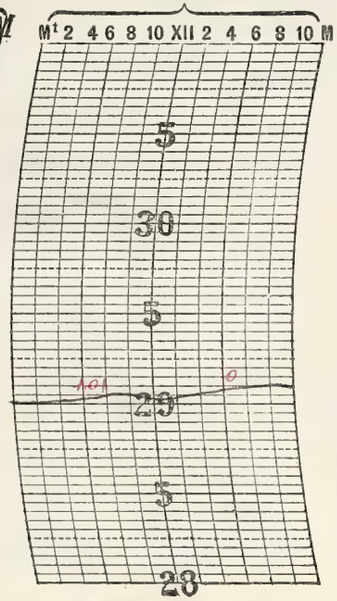
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 40.0 Wet temperature, 39.0
Dew-point, 38 R. humidity, 92 V. pressure, .228
Clouds: Amount, 10; Kind, St; Direction, W
Velocity of clouds (miles per hour)

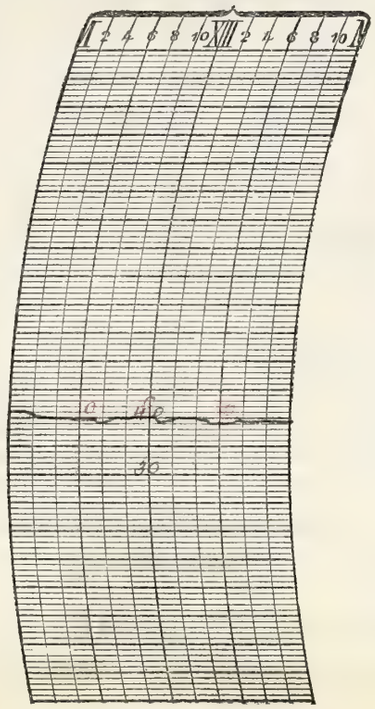
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

A light rain occurred in the early morning and a drizzle in the afternoon and evening. Cloudy and gloomy weather. Temperature amplitude slight. Very cloudy.

Prepared by

Verified by J. M. Cleveland

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) [illegible], (Day of week) [illegible], (Date) [illegible], 192

Time (local standard). 90th mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	39	39	39	39	38	38	39	39	38	38	39	39
State of weather: Nature of precipitation and time of beginning and ending			RB+E DNH				RB 6:30	RE 7:35				RB 11:40
Amounts of precipitation			—	—			—	—				—
Cloudiness and other conditions							← Cloudy					
Sunrise: Time, Character,	6:41 Cloudy											
Moonrise:	4:14 p											
Sunshine (in tenths of hours)							0	0	0	0	0	0
Wind direction	W	W	W	W	W	W	NW	NW	NW	NW	NW	NW
Wind movement	7	7	7	7	8	7	8	10	12	9	10	13
Maximum velocities (exceeding 24 miles) direction and time												

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	37	37	36	35	34	34	34	34	33	33	32	33
State of weather: Nature of precipitation and time of beginning and ending				RE 3:30								
Amounts of precipitation	—	—	—	—								
Cloudiness and other conditions				Cloudy								→
Sunset: Time, Character,									4:16 Cloudy			
Moonset:									6:20 a			
Sunshine (in tenths of hours)	0	0	0	0	0							
Wind direction	NW	NW	W	NW	NW	NW	NW	NW	NW	NW	NW	NW
Wind movement	12	11	11	12	12	11	11	9	7	7	6	9
Maximum velocities (exceeding 24 miles) direction and time												

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
40	33	36	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., .01 ins.; to 7 p. m., T ins.
Total precipitation, midnight to midnight, .01 inches.
Character of day, Cloudy Moon phase, Full [illegible]
Average daily cloudiness (0-10), 10
Actual sunshine, hours, 0 Possible sunshine, hours, 9.6
Per cent of possible sunshine, 0
Prevailing wind direction, NW Total wind 203
Average hourly velocity, 9.3 Extreme velocity,
Maximum velocity, 15 Direction, W
Time began, 4:35 PM
Reduced barometer, 30.08 a. m. [illegible], p. m.
River gage, 7.2 Feet
Relative humidity, 88 a. m. [illegible] p. m.

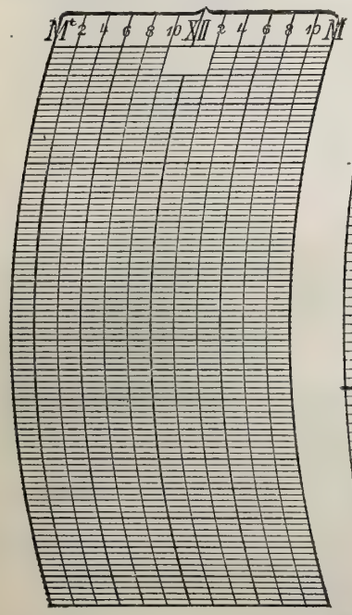
Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

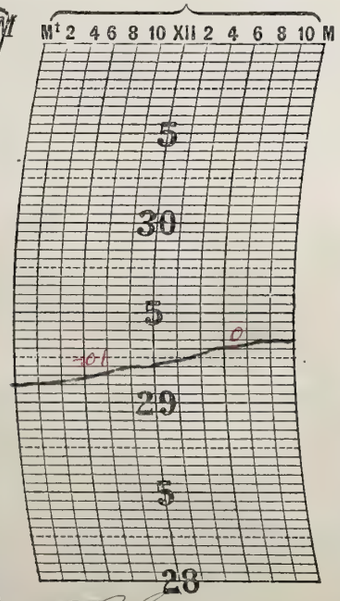
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 38.8 Wet temperature, 37.2
Dew-point, 35 R. humidity, 87 V. pressure, .203
Clouds: Amount, 10; Kind, Strat.; Direction, [illegible]
Velocity of clouds (miles per hour)

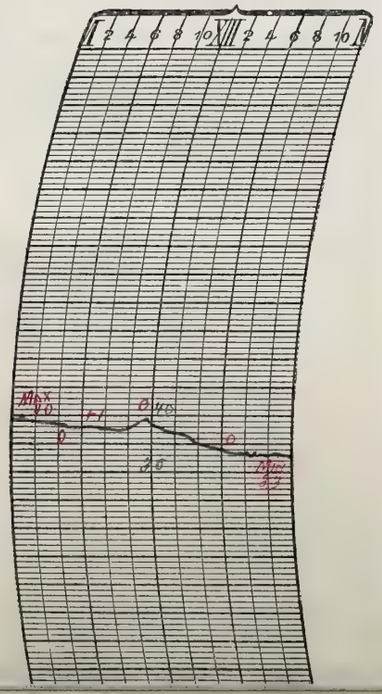
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

A drizzling rain fell during most of the day which was dark and gloomy with falling temperature.

Prepared by [illegible]
Verified by [illegible]

Verified by

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Friday, (Date) [illegible], 192

Time (local standard). 90° mer. normal time.

	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	33	32	32	31	31	31	31	31	31	30	30	31
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions					←			Cloudy				
Sunrise: Time, Character, 6:14a Cloudy; Moonrise: 6:13p.												
Sunshine (in tenths of hours)							0	0	0	0	0	0
Wind direction	W	NW	W	W	W	W	W	W	W	SW	SW	SW
Wind movement	4	5	6	3	5	6	7	7	6	2	5	5
Maximum velocities (exceeding [illegible] miles) direction and time												

	P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	32	32	33	32	31	32	32	31	32	32	33	33
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions									→			
Sunset: Time, Character, 4:15 Cloudy; Moonset: 2:02a												
Sunshine (in tenths of hours)	0	0	0	0	0							
Wind direction	SW	S	S	SW	SW	SE	SE	SE	SE	SE	SE	SE
Wind movement	5	3	4	3	2	4	3	5	4	3	4	3
Maximum velocities (exceeding [illegible] miles) direction and time												

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
33	30	32	

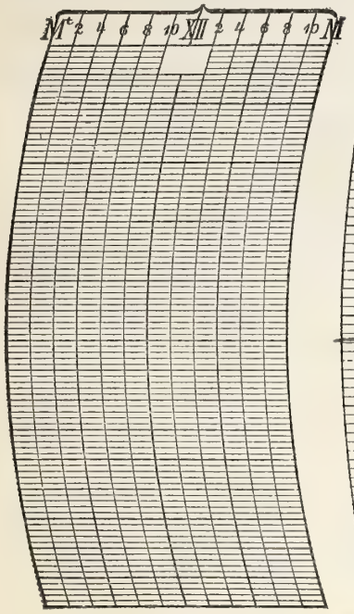
Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, [illegible] inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0–10),
Actual sunshine, hours, 0 Possible sunshine, hours, 9.6
Per cent of possible sunshine, 0
Prevailing wind direction, W Total wind 114
Average hourly velocity, 4.8 Extreme velocity, 10
Maximum velocity, 10 Direction, SE
Time began, 9:42a
Reduced barometer, 30.34 7 a. m. 30.27 7 p. m.
River gage, 6.25 ft.
Relative humidity, 70 7 a. m. [illegible] p. m.

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

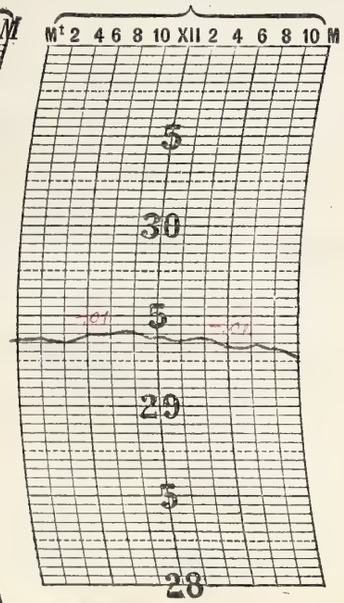
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 32.0 Wet temperature, 29.0
Dew-point, 24 R. humidity, 68 V. pressure, .124
Clouds: Amount, 10; Kind, Stratus; Direction,
Velocity of clouds (miles per hour)

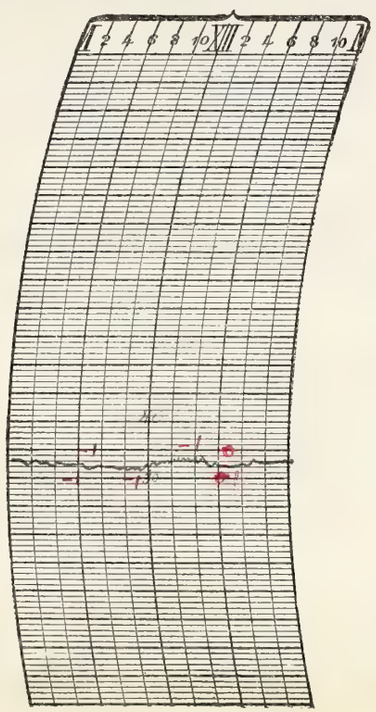
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

A cloudy and dark and gloomy day with a slightly rain in the [illegible] hours.

Prepared by [illegible]
Verified by [illegible]

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(*Station*) [illegible], (*Day of week*) [illegible], (*Date*) [illegible], 192

Time (local standard). 2 mer. normal time.

	A. M.												P. M.											
	12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	35	34	33	33	33	32	37	32	33	35	38	41	42	42	42	41	40	39	37	36	35	34	33	32
State of weather. Nature of precipitation and time of beginning and ending			S*LB 2:00	S*E DNR																				
Amounts of precipitation																								
Cloudiness and other conditions			←					Cloudy					→		Pt. Cloudy	→		Clear			→			

Sunrise: Time, 6:14 a. Character, Cloudy. Moonrise: 6:16 p.

Sunset: Time, 4:45 p. Character, Clear. Moonset: 8:16 a.

Sunshine (in tenths of hours)							0	0	0	0	0	0.5	0.5	0.9	0.5	0.5 / 0	.25 / 0							
Wind direction	SE	S	S	S	S	S	S	S	SE	SE	S	S	S	S	SE	SE	SE	SE	E	E	E	E	E	E
Wind movement	3	3	5	3	2	2	2	2	3	3	3	6	4	5	4	3	3	6	4	5	5	5	6	4
Maximum velocities (exceeding 24 miles) direction and time																								

Total duration. From—	Total duration. To—	Total amount of precipitation.	Excessive rate. Began—	Excessive rate. Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

Excessive precipitation, accumulated amounts

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
43	32	38	✓

Total depth of snow for 24 hours ending 7 p. m., 0.2 inches.

Snow, sleet, and hail on ground 7 p. m., [illegible] inches.

Total snowfall, midnight to midnight, 0.2 inches.

Precipitation to 7 a. m., .02 ins.; to 7 p. m., 7 ins.

Total precipitation, midnight to midnight, [illegible] inches.

Character of day, Clear Moon phase, [illegible]

Average daily cloudiness (0–10), 8

Actual sunshine, hours, 3.0 Possible sunshine, hours, 9.5

Per cent of possible sunshine, 32

Prevailing wind direction, S Total wind [illegible]

Average hourly velocity, 4.8 Extreme velocity, 7

Maximum velocity, 7 Direction, [illegible]

Time began, 10:00 pm

Reduced barometer, 30.10 a. m. 30.10, p. m.

River gage, 5.7 feet

Relative humidity, 85 a. m. [illegible] p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

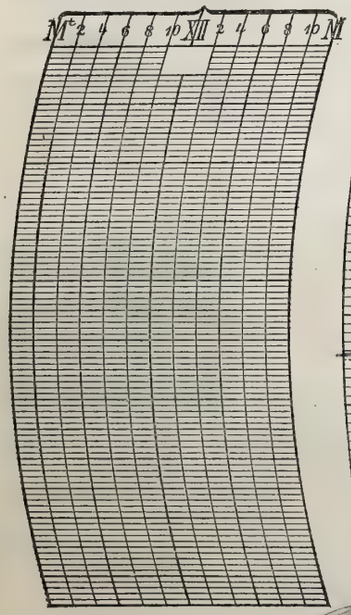
Dry temperature, 39.7 Wet temperature, 36.8

Dew-point, 33 R. humidity, 77 V. pressure, .187

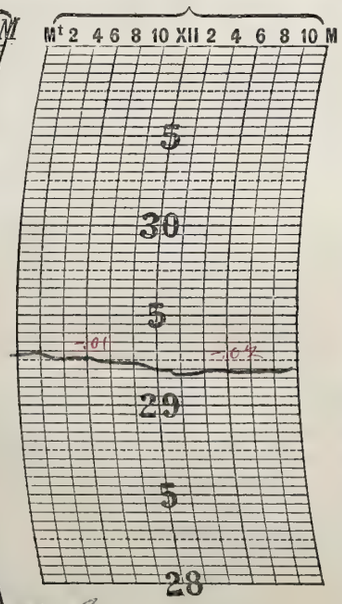
Clouds: Amount, 9; Kind, St Cu.; Direction, SE

Velocity of clouds (miles per hour)

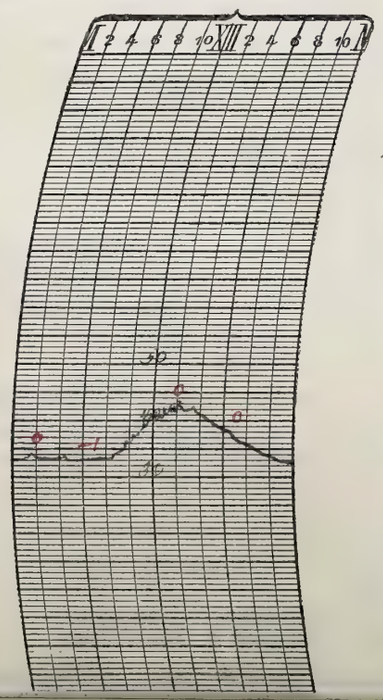
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

Though cloudy as a whole the day was generally fair and pleasant particularly in the afternoon. Moderate temperatures were prevalent.

Prepared by [illegible]

Verified by [illegible]

Verified by

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Sunday, (Date) NOV 28 1920, 192

Time (local standard). 90° mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	31	31	30	31	30	31	31	34	35	36	39	39
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions							x Clear x			Cloudy		
Sunrise: Time, Character,	6:44 Clear											
Moonrise:	7:25 p											
Sunshine (in tenths of hours)							.27 0	0.4 0	0	0	0	0
Wind direction	E	E	NE	NE	NE	NE	NE	E	E	E	E	E
Wind movement	4	5	7	8	9	9	6	8	11	9	10	13

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	41	42	42	40	40	39	38	37	37	36	36	35
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions	x Pt	Cloudy			x	Clear						
Sunset: Time, Character,									4:15 Cloudy			
Moonset:									7:07 a			
Sunshine (in tenths of hours)	0	1.0	1.0	0	0							
Wind direction	E	E	E	E	E	E	E	E	E	E	E	E
Wind movement	14	13	12	11	11	11	12	12	11	10	10	5

Maximum velocities (exceeding 22 miles) direction and time.

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

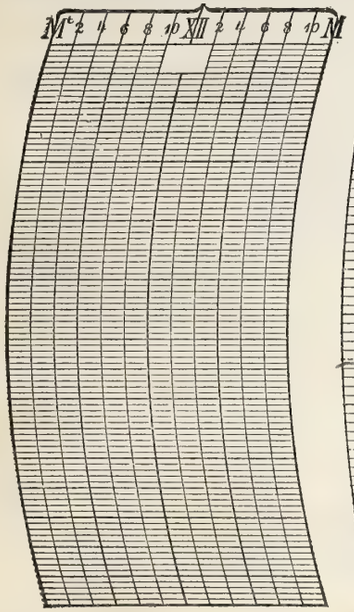
Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
43	30	36	✓

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Partly cloudy Moon phase,
Average daily cloudiness (0-10), 5
Actual sunshine, hours, 2.7 Possible sunshine, hours, 9.5
Per cent of possible sunshine, 28
Prevailing wind direction, E Total wind 236
Average hourly velocity, 9.8 Extreme velocity, 22
Maximum velocity, 18 Direction, E
Time began, 12:40 p.m.
Reduced barometer, 30.21 7 a. m. 30.19 7 p. m.
River gage, 5.2 feet
Relative humidity, 89 7 a. m. 83 7 p. m.

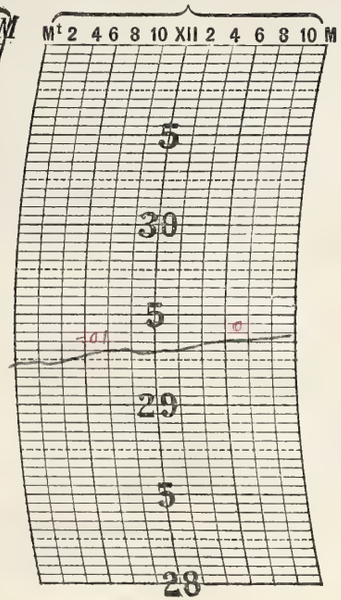
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 39.4 Wet temperature, 37.3
Dew-point, 34 R. humidity, 83 V. pressure, 18.5
Clouds: Amount, 9; Kind, Stratus; Direction, E
Velocity of clouds (miles per hour)

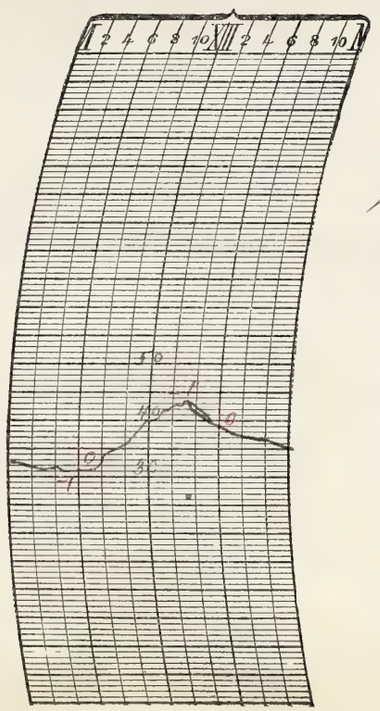
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

Clear in the early morning but cloudiness set in shortly after the am. observation. The afternoon was generally partly cloudy and the night clear. Temperatures during the day were moderate.

Prepared by

Verified by J. Weather Observer

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Monday, (Date) NOV 23 1920, 192

Time (local standard) 7 mer. normal time.

	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	35	34	34	33	33	32	31	34	35	37	38	40
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions							Cloudy					
Sunshine (in tenths of hours)							0	0	0	0	0	0
Wind direction	E	E	E	E	E	E	E	E	E	E	E	E
Wind movement	10	9	7	11	11	13	9	8	8	8	7	6
Maximum velocities (exceeding ___ miles) direction and time												

	P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	44	44	44	44	44	44	44	44	44	44	44	43
State of weather: Nature of precipitation and time of beginning and ending							HB 6:05		RE 8:54			
Amounts of precipitation							—	—	—			
Cloudiness and other conditions					Cloudy							
Sunshine (in tenths of hours)	0	0	0	0	0							
Wind direction	E	E	E	E	E	E	E	E	E	E	SE	SE
Wind movement	6	6	6	5	7	4	4	4	6	7	5	5
Maximum velocities (exceeding ___ miles) direction and time												

Sunrise: Time, 6:45 Character, Cloudy

Moonrise: 8:35 a

Sunset: Time, 4:44 Character, Cloudy

Moonset: 9:56 a

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
44	32	38	

Total depth of snow for 24 hours ending 0 p. m., 0 inches.

Snow, sleet, and hail on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Cloudy Moon phase, ____

Average daily cloudiness (0–10), 10

Actual sunshine, hours, 0 Possible sunshine, hours, 8.5

Per cent of possible sunshine, 0

Prevailing wind direction, E Total wind 171

Average hourly velocity, 7.1 Extreme velocity, ____

Maximum velocity, 12 Direction, E

Time began, 3:23 am

Reduced barometer, 30.22 7 a. m. 30.2 , p. m.

River gage, 4.6 feet

Relative humidity, ____ a. m. ____ p. m.

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

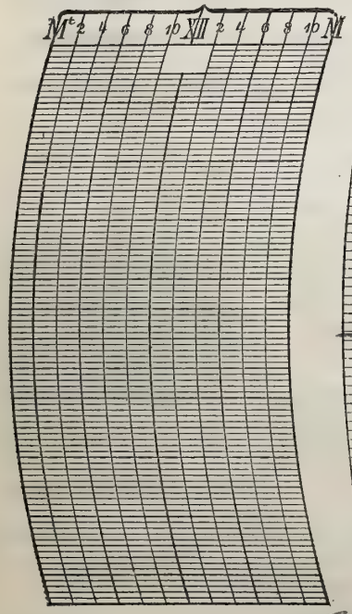
Dry temperature, 40.0 Wet temperature, 37.5

Dew-point, 34 R. humidity, 80 V. pressure, ____

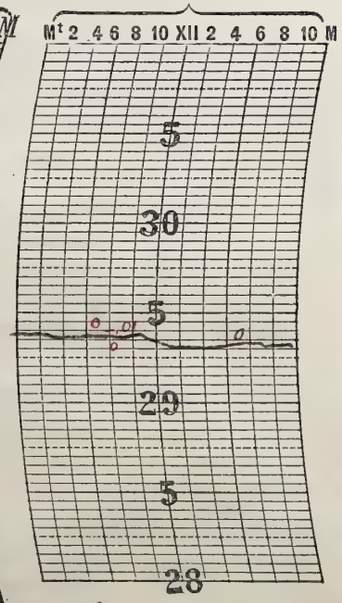
Clouds: Amount, 10; Kind, Str; Direction, ____

Velocity of clouds (miles per hour) ____

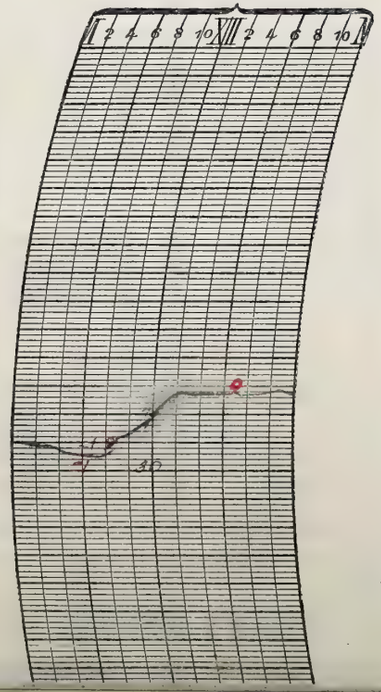
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

A cloudy and gloomy day with moderate temperature and a light shower in the early night.

Prepared by ____

Verified by P. McDonough

Verified by

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) [illegible], (Day of week) [illegible], (Date) [illegible], 192

Time (local standard). 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	42	42	43	43	44	46	45	45	46	48	48	47
State of weather: Nature of precipitation and time of beginning and ending					RBE DYA							
Amounts of precipitation					—							
Cloudiness and other conditions							← Cloudy					
Sunrise: Time, Character,	6:46 Cloudy											
Moonrise:	9:45 p											
Sunshine (in tenths of hours)							0	0	0	0	0	0
Wind direction	SE	SE	SE	SE	S	S	S	S	SE	S	S	S
Wind movement	5	3	2	2	5	6	6	6	5	4	5	4

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	47	46	45	46	46	45	44	44	44	42	41	41
State of weather: Nature of precipitation and time of beginning and ending	RB 12:30											
Amounts of precipitation	—	—	—	—	—	—	—	—	—	—	—	—
Cloudiness and other conditions							← Cloudy					→
Sunset: Time, Character,									4:14 Cloudy			
Moonset:									10:32 a			
Sunshine (in tenths of hours)	0	0	0	0	0							
Wind direction	S	SE	E	E	E	NE	NE	NE	NE	NW	N	N
Wind movement	3	3	2	4	4	6	5	2	3	8	8	6

Maximum velocities (exceeding 29 miles) direction and time.

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
48	41	44	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow, sleet, and hail on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., T ins.; to 7 p. m., .20 ins.

Total precipitation, midnight to midnight, .22 inches.

Character of day, Cloudy Moon phase,

Average daily cloudiness (0-10), 10

Actual sunshine, hours, 0 Possible sunshine, hours, 9.5

Per cent of possible sunshine, 0

Prevailing wind direction, S Total wind

Average hourly velocity, 4.5 Extreme velocity, 9

Maximum velocity, 9 Direction, NW

Time began, 9:40 p.m.

Reduced barometer, 30.25 7 a. m. 30.11 7 p. m.

River gage, 4.0 feet

Relative humidity, 84 7 a. m. 94 7 p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

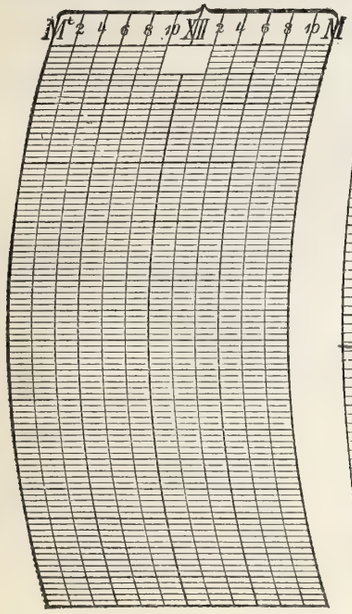
Dry temperature, 47.8 Wet temperature, 45.0

Dew-point, 42 R. humidity, 81 V. pressure, .266

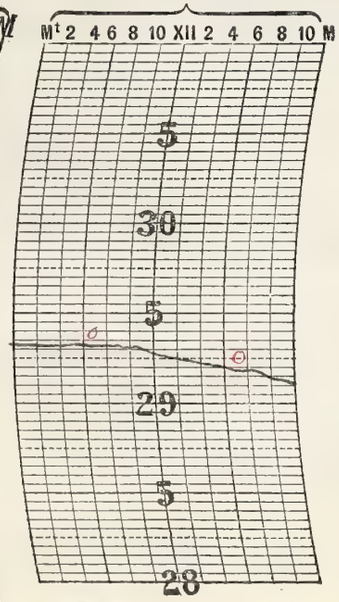
Clouds: Amount, 10; Kind, Stra; Direction, —

Velocity of clouds (miles per hour)

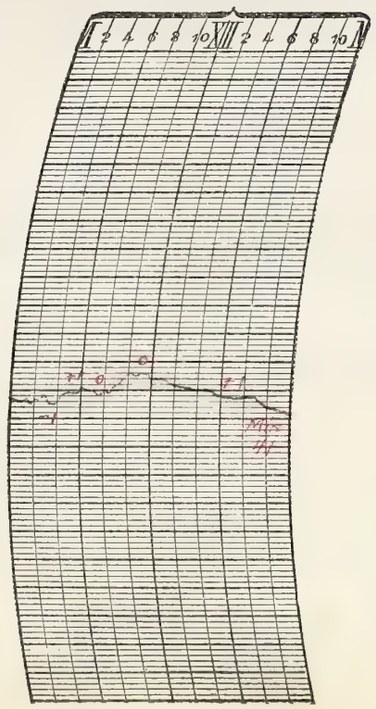
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



*Estimated

NOTES.

Light rain in the morning, and rain began at 12:30 pm and continued into next day. Unpleasant and dark necessitating the use of artificial light during most of the day.

Prepared by [illegible]

Verified by [illegible]

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(*Station*) [illegible], (*Day of week*) Wednesday, (*Date*) [illegible], 192

Time (local standard). 20" mer. normal time.

	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	40	40	40	40	41	40	40	41	41	41	42	42
State of weather: Nature of precipitation and time of beginning and ending								RE 7:45				
Amounts of precipitation	—	—	—	—	—	—	—	—				
Cloudiness and other conditions						←		Cloudy				
Sunrise: Time, Character, 6:47 Cloudy; Moonrise: 10:53 P.												
Sunshine (in tenths of hours)							0	0	0	0	0	0
Wind direction	N	N	NW	NW	NW	W	W	NW	W	W	W	W
Wind movement	6	7	6	7	7	10	11	12	13	13	17	20
Maximum velocities (exceeding 29 miles) direction and time												

	P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	42	41	42	41	41	41	42	42	40	40	41	40
State of weather: Nature of precipitation and time of beginning and ending	RB 12:27					RE 5:35			RB 8:05	RE 9:30		
Amounts of precipitation	—	—	—	—					—	—		
Cloudiness and other conditions							Cloudy				→	
Sunset: Time, Character, 4:14 Cloudy; Moonset: 11:16 a.												
Sunshine (in tenths of hours)	0	0	0	0	0							
Wind direction	W	W	W	W	W	W	W	W	W	W	W	W
Wind movement	12	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	12	[illegible]	[illegible]	[illegible]
Maximum velocities (exceeding 29 miles) direction and time												

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
43	[illegible]		

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow, sleet, and hail on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., .12 ins.; to 7 p. m., .10 ins.

Total precipitation, midnight to midnight, .22 inches.

Character of day, Cloudy Moon phase,

Average daily cloudiness (0–10), 10

Actual sunshine, hours, 0 Possible sunshine, hours, 9.4

Per cent of possible sunshine,

Prevailing wind direction, W Total wind [illegible]

Average hourly velocity, [illegible] Extreme velocity,

Maximum velocity, 23 Direction, W

Time began, [illegible]

Reduced barometer, 29.90 7 a. m. 29.99 7 p. m.

River gage, 3.9 Fall

Relative humidity, 96 7 a. m. 96 7 p. m.

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

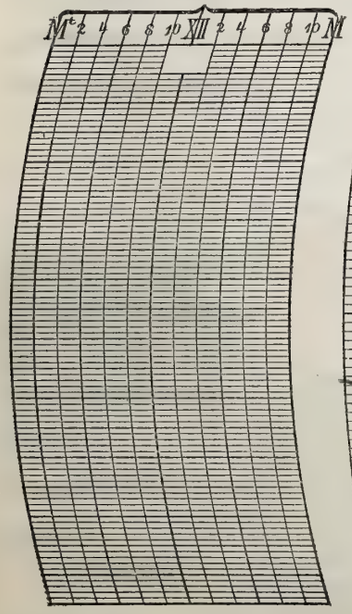
Dry temperature, 42.6 Wet temperature, 39.8

Dew-point, 36 R. humidity, 79 V. pressure, .211

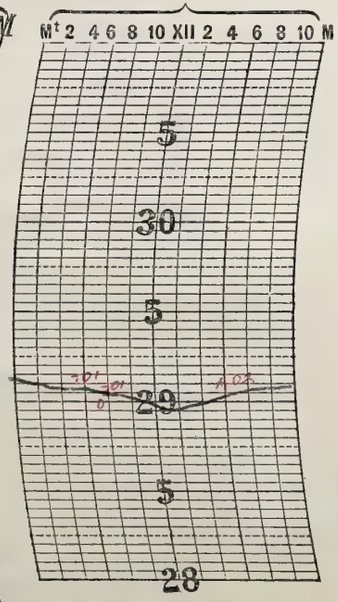
Clouds: Amount, 10; Kind, Strat.; Direction, [illegible]

Velocity of clouds (miles per hour)

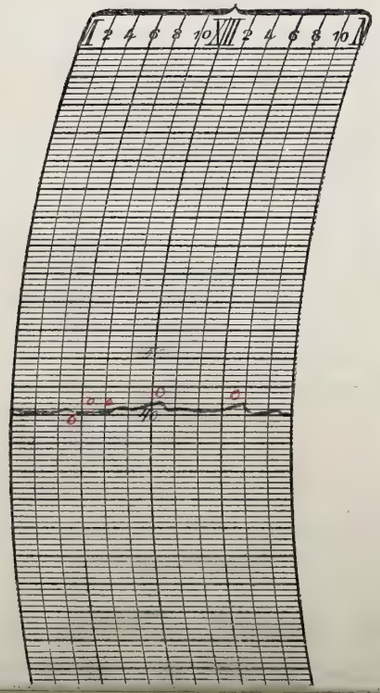
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



Prepared by

Verified by P. McDonough

ϕ Estimated

NOTES.

A cloudy and gloomy day with a light rain in the early morning and again during the afternoon. Thunder, also a very light shower in the evening. Moderate temperature and northerly winds prevailed.

Verified by

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(*Station*) Fort Wayne, Ind., (*Day of week*) Thursday, (*Date*) Feb. 1, 192

Time (local standard). 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	39	38	38	38	38	38	39	39	39	40	40	41
State of weather. Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions							Cloudy					
Sunrise: Time, 6:48 Character, Cloudy												
Moonrise: 12:1[illegible]												
Sunshine (in tenths of hours)							0	0	0	0	0	0
Wind direction	W	W	W	W	W	W	W	W	W	W	W	S
Wind movement	10	18	16	[illegible]	15	13	11	7	6	4	8	3
Maximum velocities (exceeding [illegible] miles) direction and time												

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	41	41	41	41	40	38	37	36	38	37	41	41
State of weather. Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions	Cloudy					Pt. Cloudy						
Sunset: Time, 4:13 Character, Cloudy												
Moonset: [illegible]												
Sunshine (in tenths of hours)	0	0	0	0	0							
Wind direction	SW	[illegible]	[illegible]	S	S	SE	[illegible]	[illegible]	S	S	S	[illegible]
Wind movement	13	[illegible]	[illegible]	6	6	11	[illegible]	10	10	9	[illegible]	[illegible]
Maximum velocities (exceeding [illegible] miles) direction and time												

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
41	36	38.8	

Total depth of snow for 24 hours ending 7 p. m., ____ inches.

Snow, sleet, and hail on ground 7 p. m., ____ inches.

Total snowfall, midnight to midnight, ____ inches.

Precipitation to 7 a. m., T ins.; to ____ p. m., ____ ins.

Total precipitation, midnight to midnight, ____ inches.

Character of day, Cloudy Moon phase, [illegible]

Average daily cloudiness (0-10), 10

Actual sunshine, hours, 0 Possible sunshine, hours, [illegible]

Per cent of possible sunshine, 0

Prevailing wind direction, S Total wind ____

Average hourly velocity, 9.0 Extreme velocity, [illegible]

Maximum velocity, 23 Direction, W

Time began, 1:15

Reduced barometer, 29.14 a. m. [illegible], p. m.

River gage, 4.9 feet

Relative humidity, [illegible] a. m. ____ p. m.

Excessive precipitation, accumulated amounts	Total duration. From—	Total duration. To—	Total amount of precipitation.	Excessive rate. Began—	Excessive rate. Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

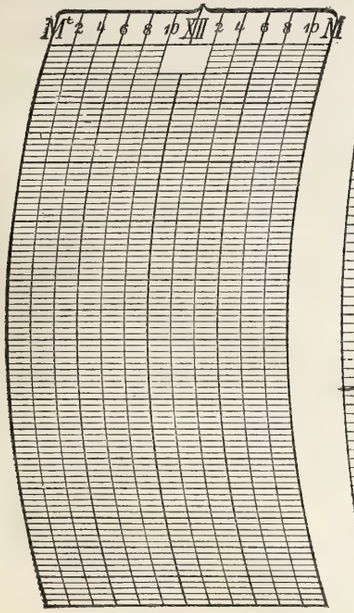
Dry temperature, 41.0 Wet temperature, 38.0

Dew-point, 34 R. humidity, 77 V. pressure, 0.185

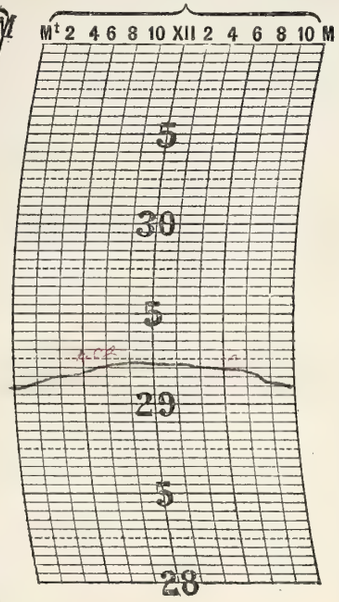
Clouds: Amount, 10; Kind, Strat.; Direction, ____

Velocity of clouds (miles per hour) ____

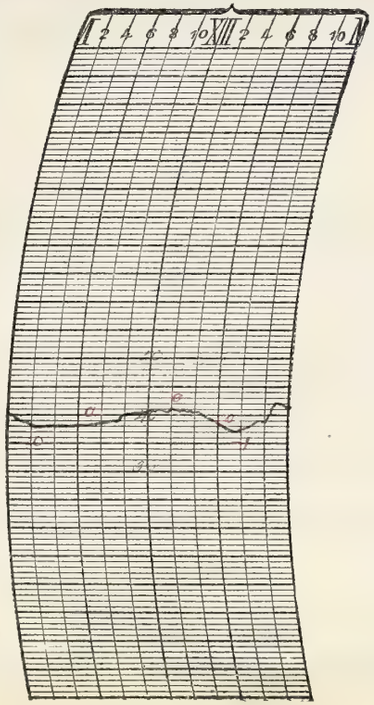
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

A cloudy day with [illegible]

Prepared by ____

Verified by P. McDonough

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(*Station*) _____, (*Day of week*) _____, (*Date*) _____, 192

Time (local standard). ___ mer. normal time.	A. M.												P. M.											
	12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	43	44	45	45	45	45	45	45	46	46	51	50	54	54	53	54	54	52	52	51	51	50	50	48
State of weather. Nature of precipitation and time of beginning and ending																						RB 9:45 — 9:55		
Amounts of precipitation																						—		
Cloudiness and other conditions													Cloudy											
	Sunrise: Time, 6:44; Character, Clear. Moonrise:																				Sunset: Time, 5:13; Character, Clear. Moonset:			
Sunshine (in tenths of hours)																								
Wind direction	S	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW
Wind movement	12	13	14	16	18	17	16	19	18	18	20	19	18	18	17	15	18	18	11	13	14	15	16	14
Maximum velocities (exceeding ___ miles) direction and time																								

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
5			

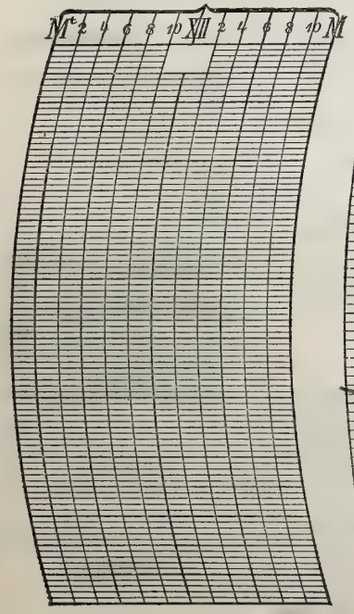
Total depth of snow for 24 hours ending 1 p. m., 0 inches.
Snow, sleet, and hail on ground 1 p. m., 0 inches.
Total snowfall, midnight to midnight, ____ inches.
Precipitation to 2 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, ____ inches.
Character of day, ____ Moon phase, ____
Average daily cloudiness (0–10), 9
Actual sunshine, hours, 0 Possible sunshine, hours, ____
Per cent of possible sunshine, 0
Prevailing wind direction, ____ Total wind ____
Average hourly velocity, ____ Extreme velocity, ____
Maximum velocity, 13 Direction, ____
Time began, ____
Reduced barometer, 29.15 a. m. 29.10, p. m.
River gage, 5.3 Feet
Relative humidity, ____ a. m. ____ p. m.

Excessive precipitation, accumulated amounts	Total duration. From—	Total duration. To—	Total amount of precipitation.	Excessive rate. Began—	Excessive rate. Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

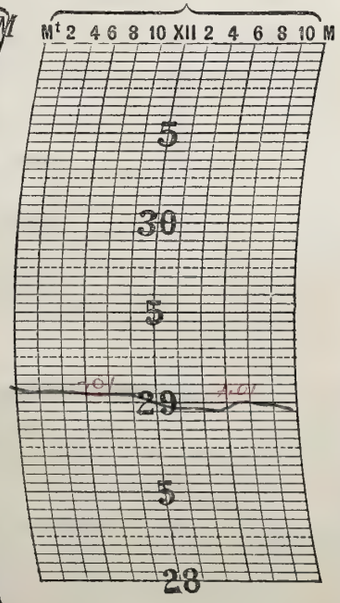
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 52.9 Wet temperature, 46.2
Dew-point, 29 R. humidity, 60 V. pressure, .277
Clouds: Amount, 5; Kind, ____; Direction, ____
Velocity of clouds (miles per hour) ____

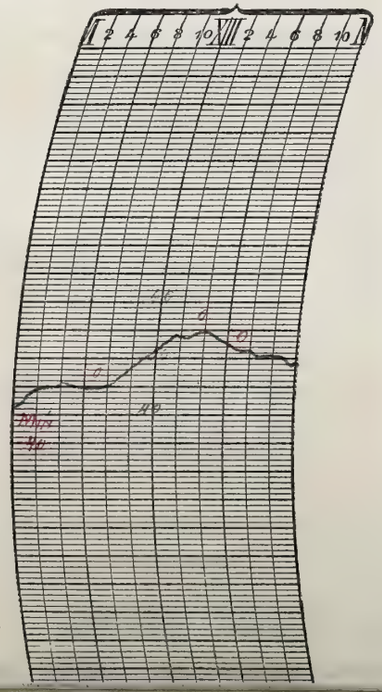
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

A cloudy day with moderate [illegible]

Prepared by _____

Verified by _____

Verified by

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(*Station*) [illegible], (*Day of week*) Saturday, (*Date*) [illegible], 192

Time (local standard). mer. normal time.	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	48	48	48	47	47	48	44	50	51	50	51	50
State of weather: Nature of precipitation and time of beginning and ending			HB 5:30								HE 10:37	
Amounts of precipitation			—	—	—	—	—	—	—	—	—	
Cloudiness and other conditions								Cloudy				
Sunrise: Time, Character,	6:50 Cloudy											
Moonrise:	11:04a											
Sunshine (in tenths of hours)							0	0	0	0	0	0
Wind direction	SW	SW	SW	SW	SW	S	S	S	S	S	SW	S
Wind movement	11	13	12	16	15	16	13	15	19	18	19	17

Time (local standard). mer. normal time.	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	49	48	48	45	44	44	49	44	42	42	41	41
State of weather: Nature of precipitation and time of beginning and ending	HB 1:13										HE 10:30	
Amounts of precipitation	—	—	—	—	—	—	—	—	—	—	—	
Cloudiness and other conditions					Cloudy							
Sunset: Time, Character,									4:13 Cloudy			
Moonset:									12:54a			
Sunshine (in tenths of hours)	0	0	0	0	0							
Wind direction	SW	SW	SW	SW	S	S	SW	NW	NW	NW	NW	NW
Wind movement	17	16	14	12	11	7	1	16	20	10	22	20

Maximum velocities (exceeding ____ miles) direction and time ____

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
51	39	45	

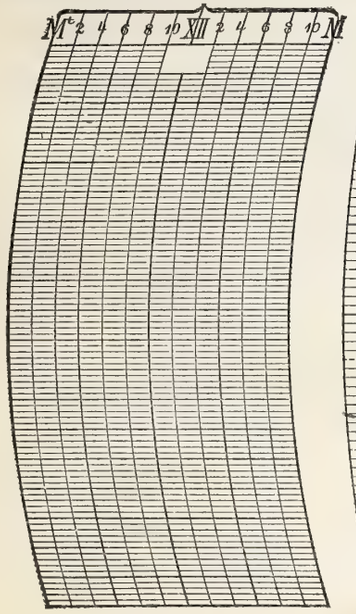
Total depth of snow for 24 hours ending ____ p. m., 0 inches.
Snow, sleet, and hail on ground ____ p. m., ____ inches.
Total snowfall, midnight to midnight, ____ inches.
Precipitation to 7 a. m., .75 ins.; to 2 p. m., ____ ins.
Total precipitation, midnight to midnight, .75 inches.
Character of day, Cloudy Moon phase, ____
Average daily cloudiness (0-10), 10
Actual sunshine, hours, 0 Possible sunshine, hours, 2
Per cent of possible sunshine, 0
Prevailing wind direction, SW Total wind 3.28
Average hourly velocity, 4 Extreme velocity, ____
Maximum velocity, 38 Direction, NW
Time began, ____
Reduced barometer, ____ a. m. ____, p. m.
River gage, 5.1 feet
Relative humidity, 89 a. m. ____ p. m.

Excessive precipitation, accumulated amounts	Total duration. From—	Total duration. To—	Total amount of precipitation.	Excessive rate. Began—	Excessive rate. Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

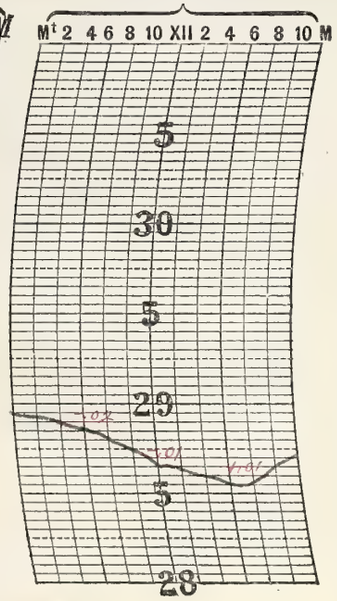
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 50.7 Wet temperature, 49.0
Dew-point, 47 R. humidity, 89 V. pressure, .22
Clouds: Amount, 10; Kind, St Cu; Direction, ____
Velocity of clouds (miles per hour) ____

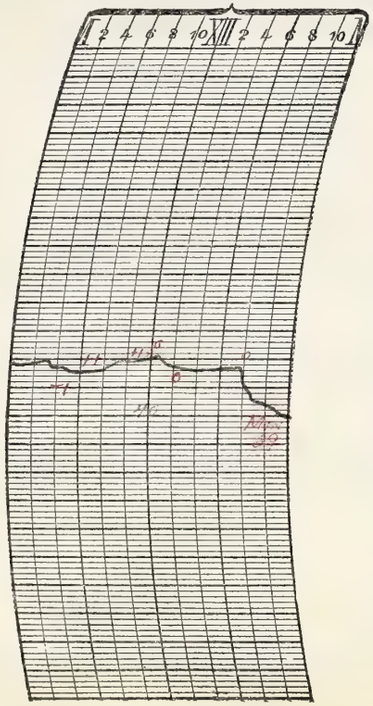
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

A special one p.m. (75th Meridian Time) observation called for by the Central. A cloudy and gloomy day with the sun shining like setting sun. Trees indicating it may change to rain.

Prepared by [illegible]

Verified by [illegible]

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(*Station*) ....., (*Day of week*) Sunday, (*Date*) ....., 192

Time (local standard). ... mer. normal time.	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	38	38	36	35	34	32	34	35	35	36	37	37	38	39	39	39	38	37	36	35	34	33	33	33
State of weather. Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions	Cloudy →					←	Cloudy						Cloudy								→			
Sunshine (in tenths of hours)													0	0	0.2	0								
Wind direction	NW	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W
Wind movement	22	23	23	21	20	19	16	17	17	17	17	15	15	17	14	16	8	5	8	7	11	10	10	8
Maximum velocities (exceeding ... miles) direction and time	31 NW																							

Sunrise: Time, 6:00 a; Character, Cloudy. Moonrise: 2:07 a.

Sunset: Time, 4:42; Character, Cloudy. Moonset: 11:26 p.

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
39	32	[illegible]	[illegible]

Total depth of snow for 24 hours ending ..... p. m., ... inches.

Snow, sleet, and hail on ground ..... p. m., ... inches.

Total snowfall, midnight to midnight, ... inches.

Precipitation to 7 a. m., .25 ins.; to 7 p. m., ... ins.

Total precipitation, midnight to midnight, ... inches.

Character of day, ... Moon phase, ...

Average daily cloudiness (0–10), 10

Actual sunshine, hours, 0.2 Possible sunshine, hours, [illegible]

Per cent of possible sunshine, 2

Prevailing wind direction, W Total wind [illegible]

Average hourly velocity, [illegible] Extreme velocity, ...

Maximum velocity, 31 Direction, ...

Time began, [illegible]

Reduced barometer, 29.[illegible] a. m. [illegible], p. m.

River gage, 9.8 [illegible]

Relative humidity, [illegible] a. m. ..... p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

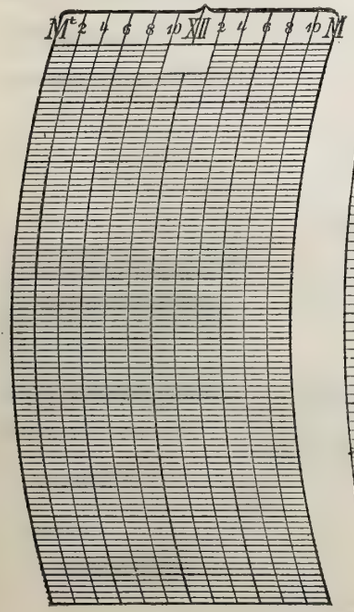
Dry temperature, 37.6 Wet temperature, [illegible]

Dew-point, 29 R. humidity, 71 V. pressure, [illegible]

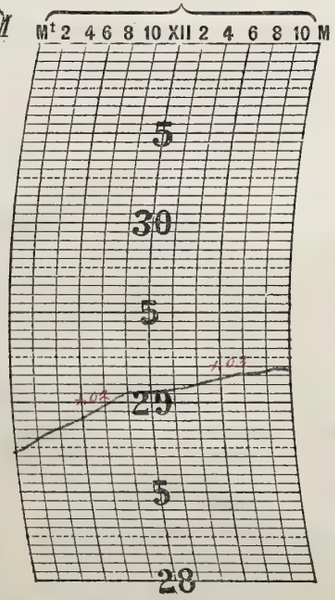
Clouds: Amount, 10; Kind, Stratus; Direction, [illegible]

Velocity of clouds (miles per hour) .....

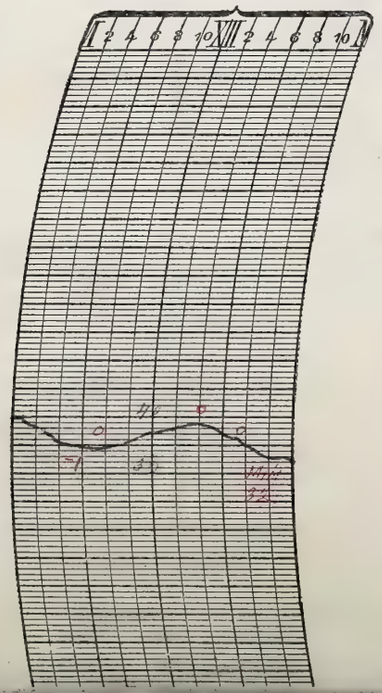
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

A cloudy and cold Thursday weather throughout day. River stage at 11:30 a.m. [illegible]

Prepared by .....

Verified by .....

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(*Station*) ....., (*Day of week*) ....., (*Date*) ....., *192*

Time (local standard). ..... mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	32	34	35	35	36	36	37	36	38	38	39	39
State of weather. Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions						← Cloudy						
Sunshine (in tenths of hours)							0	0	0	0	0	0
Wind direction	W	W	W	W	W		W	W	W	NW		
Wind movement	5	7	6	8	8	6	6	6	6	6	8	9
Maximum velocities (exceeding ..... miles) direction and time												

Sunrise: Time, 6:52 Character, Cloudy

Moonrise: .....

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	38	39	40	38	38	37	36	35	34	33	33	33
State of weather. Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions				Cloudy						→		
Sunshine (in tenths of hours)	0.3	1.0	0.4	0	0							
Wind direction	NW				N							
Wind movement	10	8	8	9	5	4	4	3	5			
Maximum velocities (exceeding ..... miles) direction and time												

Sunset: Time, 4:12 Character, Cloudy

Moonset: 2:01 P.

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
40	32	36	

Total depth of snow for 24 hours ending ..... p. m., ... inches.

Snow, sleet, and hail on ground ..... p. m., ... inches.

Total snowfall, midnight to midnight, ... inches.

Precipitation to ..... a. m., ... ins.; to ..... p. m., ... ins.

Total precipitation, midnight to midnight, ... inches.

Character of day, Cloudy Moon phase, ...

Average daily cloudiness (0-10), 10

Actual sunshine, hours, 3.2 Possible sunshine, hours, ...

Per cent of possible sunshine, 32

Prevailing wind direction, W Total wind .....

Average hourly velocity, 6.3 Extreme velocity, 12

Maximum velocity, 12 Direction, ...

Time began, ...

Reduced barometer, 30.31 a. m. 30.23 p. m.

River gage, ...

Relative humidity, 85 a. m. ..... p. m.

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

Excessive precipitation, accumulated amounts .....

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

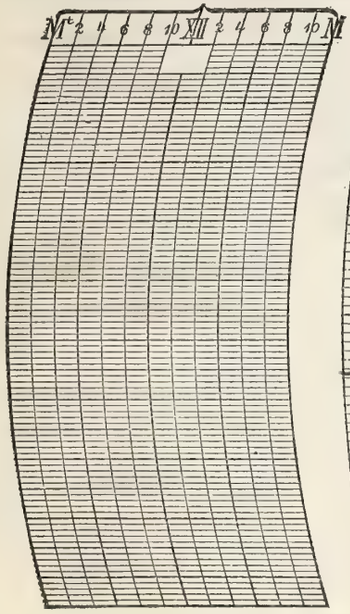
Dry temperature, 32.0 Wet temperature, 32.0

Dew-point, 27 R. humidity, 80 V. pressure, ...

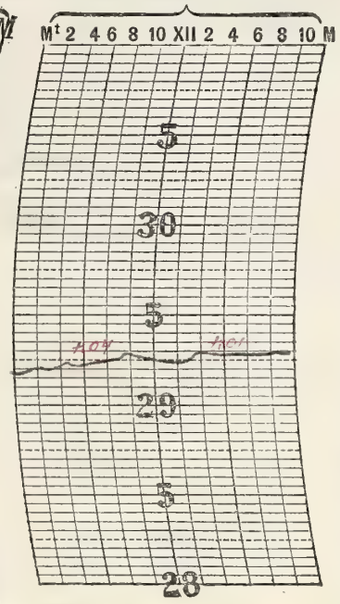
Clouds: Amount, 10; Kind, ...; Direction, ...

Velocity of clouds (miles per hour) .....

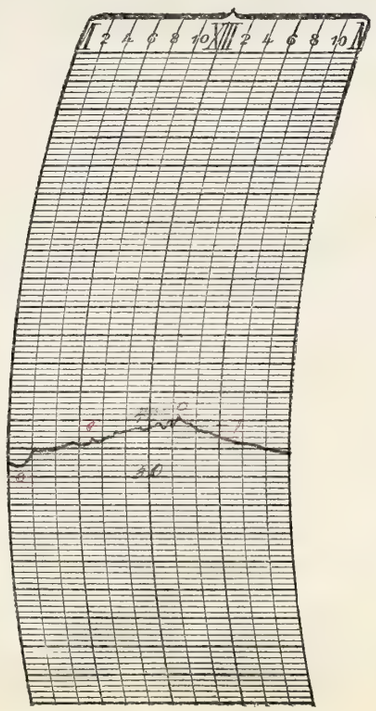
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

A cloudy day with moderate temperature and a lot of sunshine during the afternoon through cumulus clouds.

Prepared by .....

Verified by .....

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(*Station*) [illegible], (*Day of week*) Wednesday, (*Date*) [illegible], 192

Time (local standard). 90 mer. normal time.

	A. M.												P. M.											
	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	34	33	33	32	31	31	30	32	34	34	33	34	34	35	35	35	34	35	34	34	34	33	33	32
State of weather. Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions						← Clear						→	→ P. Cloudy →				Cloudy			→				
Sunrise: Time, 6:53 Character, Cloudy																					Sunset: Time, 4:13 Character, Cloudy			
Moonrise: 11:09a																					Moonset: 2:37p			
Sunshine (in tenths of hours)							0	0	0	0	0	0	0	0.1	0.5	0	0							
Wind direction	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	E	E	NE	E	E	NE	NE	NE	NE
Wind movement	11	8	11	7	7	6	6	9	9	11	14	13	16	14	15	13	10	11	11	12	12	13	15	13
Maximum velocities (exceeding ___ miles) direction and time																								

	Total duration. From—	Total duration. To—	Total amount of precipitation.	Excessive rate. Began—	Excessive rate. Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																				

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
35	30	[illegible]	[illegible]

Total depth of snow for 24 hours ending ___ p. m., ___ inches.

Snow, sleet, and hail on ground ___ p. m., ___ inches.

Total snowfall, midnight to midnight, ___ inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., ___ ins.

Total precipitation, midnight to midnight, ___ inches.

Character of day, [illegible] Moon phase, ___

Average daily cloudiness (0-10), 9

Actual sunshine, hours, 0.6 Possible sunshine, hours, [illegible]

Per cent of possible sunshine, [illegible]

Prevailing wind direction, NE Total wind [illegible]

Average hourly velocity, [illegible] Extreme velocity, ___

Maximum velocity, 18 Direction, NE

Time began, [illegible]

Reduced barometer, [illegible] a. m. [illegible], p. m.

River gage, 8.5 Feet

Relative humidity, [illegible] a. m. ___ p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

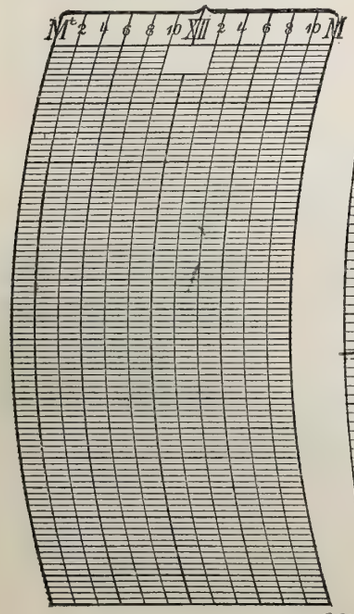
Dry temperature, 33.5 Wet temperature, [illegible]

Dew-point, 24 R. humidity, [illegible] V. pressure, [illegible]

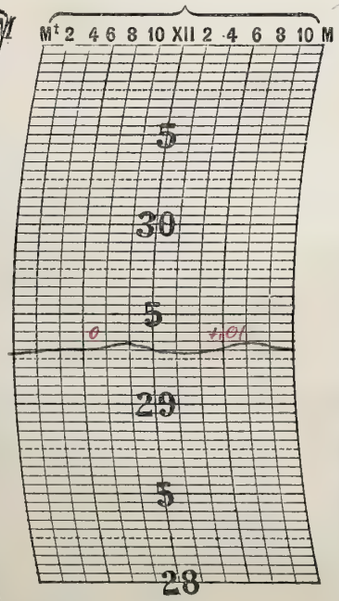
Clouds: Amount, 10; Kind, [illegible]; Direction, ___

Velocity of clouds (miles per hour) ___

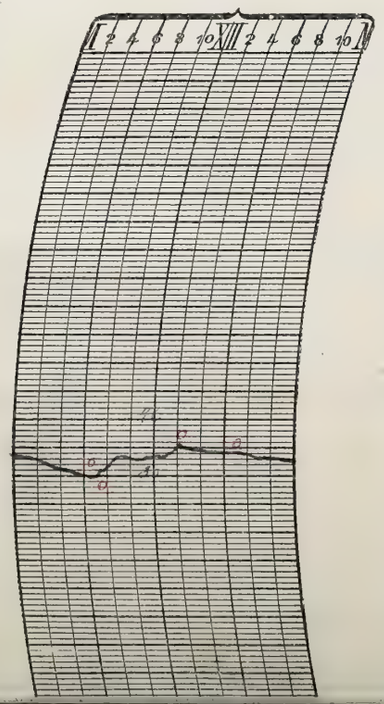
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

Prepared by [illegible]

Verified by [illegible]

Verified by

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(*Station*) _____, (*Day of week*) _____, (*Date*) _____, 192

Time (local standard). 90th mer. normal time.

	A. M.												P. M.											
	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	32	33	34	32	32	31	31	30	31	31	32	33	34	35	36	34	33	31	31	31	32	32	32	31
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions						←		Cloudy				→ Pt.	Cloudy →		Clear		→ Pt. Cldy →			Cloudy		→		
Sunrise: Time, 6:54 Character, Cloudy																					Sunset: Time, 4:13 Character, Clear			
Moonrise: 5:02 a																					Moonset: 3:44 p			
Sunshine (in tenths of hours)	1						0	0	0	0	0.1	1.0	1.0	1.0	1.0	0.6 / 0.4	.22 / 0							
Wind direction	E	E	E	E	NE	NE	NE	NE	NE	NE	E	E	E	NE	NE	NE	NE	NE	E	E	E	E	E	E
Wind movement	14	15	13	13	14	16	1	12	19	12	12	1	15	15	11	15	12	12	1	10	10	9	11	1
Maximum velocities (exceeding 25 miles) direction and time																								

Total duration. From—	Total duration. To—	Total amount of precipitation.	Excessive rate. Began—	Excessive rate. Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

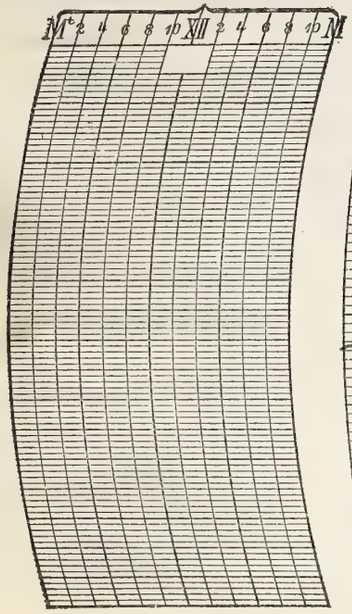
Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
36	30	33	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, _____ inches.
Precipitation to 1 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, _____ inches.
Character of day, Pt. Cldy. Moon phase, _____
Average daily cloudiness (0-10), _____
Actual sunshine, hours, 5.3 Possible sunshine, hours, _____
Per cent of possible sunshine, 57
Prevailing wind direction, E Total wind 332
Average hourly velocity, 13.8 Extreme velocity, 21
Maximum velocity, 25 Direction, NE
Time began, 7:3 _____
Reduced barometer, _____ a. m. _____, p. m.
River gage, _____
Relative humidity, _____ a. m. _____ p. m.

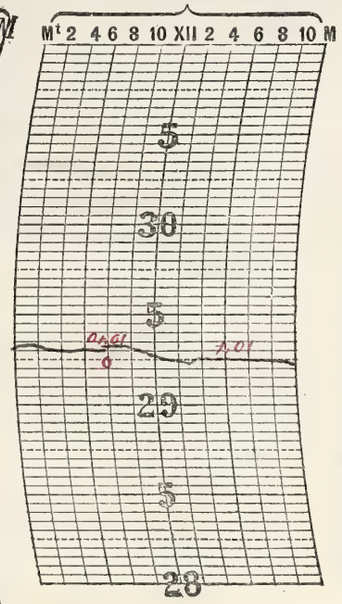
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 33.3 Wet temperature, _____
Dew-point, 25 R. humidity, 62 V. pressure, _____
Clouds: Amount, 7; Kind, Strat.; Direction, _____
Velocity of clouds (miles per hour) _____

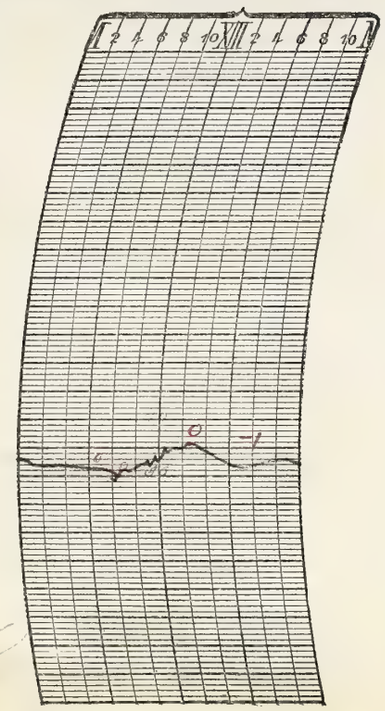
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

A partially cloudy day with moderate seasonal temperatures and some sunshine, leaving just enough moisture in the vegetation.

Prepared by _____

Verified by _____

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) ....., *(Day of week)* ....., *(Date)* ....., *192*

Time (local standard). ..... mer. normal time.

	A. M.												P. M.											
	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	32	31	30	30	30	29	29	29	28	29	30	32	35	35	36	37	37	37	[illegible]	37	36	36	35	35
State of weather. Nature of precipitation and time of beginning and ending																		RB 5:12						
Amounts of precipitation																		—	—	—	—	—	—	—
Cloudiness and other conditions						← Cloudy									Cloudy						→			

Sunrise: Time, 6:55 Character, Cloudy
Moonrise: 6:01 a.

Sunset: Time, 4:42 Character, Cloudy
Moonset: 4:00 p.

Sunshine (in tenths of hours)							0	0	0	0	0	0	0	0	0	0	0							
Wind direction	E	E	E	E	E	E	E	E	E	E	E	[illegible]	S	SE	SE	SE	SE	[illegible]	[illegible]	S	S	SW	SW	[illegible]
Wind movement	7	5	5	7	8	6	5	5	4	4	4	2	3	2	2	2	2	2	3	5	8	8	8	8
Maximum velocities (exceeding ..... miles) direction and time																								

Total duration. From—	Total duration. To—	Total amount of precipitation.	Excessive rate. Began—	Excessive rate. Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

Excessive precipitation, accumulated amounts

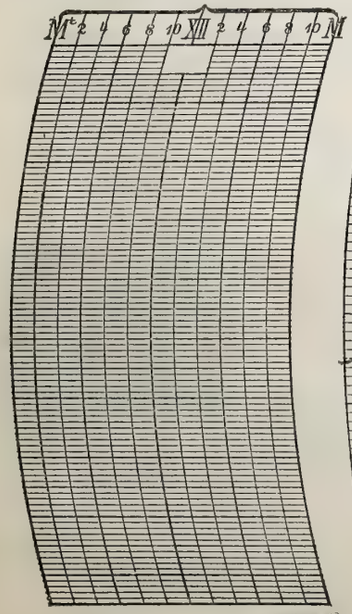
Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
38	26	32	

Total depth of snow for 24 hours ending ..... p. m., ... inches.
Snow, sleet, and hail on ground ..... p. m., ... inches.
Total snowfall, midnight to midnight, ... inches.
Precipitation to ..... a. m., ... ins.; to ..... p. m., ... ins.
Total precipitation, midnight to midnight, ... inches.
Character of day, Cloudy Moon phase, ...
Average daily cloudiness (0-10), 10
Actual sunshine, hours, 0 Possible sunshine, hours, ...
Per cent of possible sunshine, 0
Prevailing wind direction, ... Total wind .....
Average hourly velocity, ... Extreme velocity, ...
Maximum velocity, 12 Direction, ...
Time began, ...
Reduced barometer, ... 7 a. m. ....., p. m.
River gage, 5.6 feet
Relative humidity, 88 7 a. m. ..... p. m.

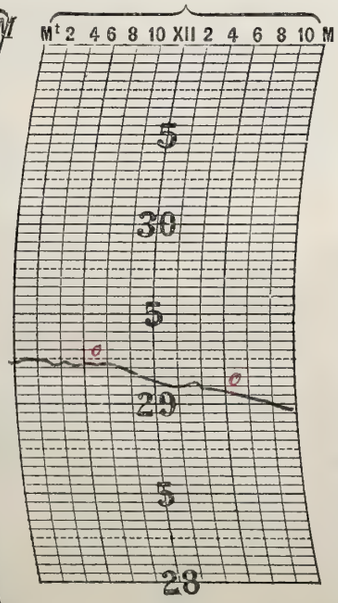
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 33.6 Wet temperature, 31.9
Dew-point, 29 R. humidity, 84 V. pressure, .157
Clouds: Amount, 10; Kind, ...; Direction, ...
Velocity of clouds (miles per hour) .....

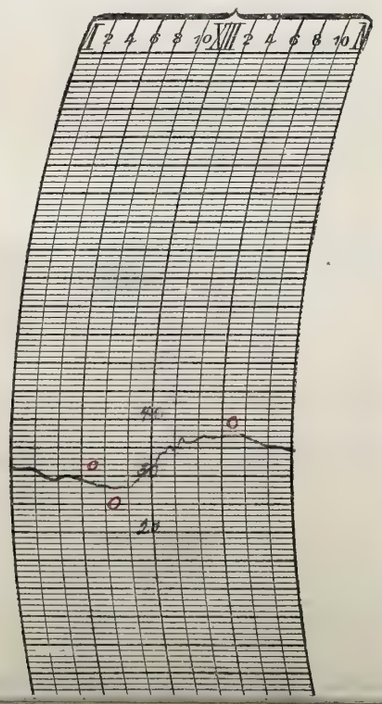
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



Prepared by .....
Verified by P. M. Dunnett

ø Estimated.

NOTES.

Lt. Fog - began - 7:26 a.m. Lt. Fog ended - 7:48 a.m.
Dense Fog, began - 7:48 a.m. Dense Fog, ended - 8:00 a.m.
Lt. Fog, began - 8:00 a.m. Lt. Fog, ended - 4:00 p.m.
A cloudy and foggy day and altogether a rather Tobias-weather day.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(*Station*) Fort Wayne, Ind, (*Day of week*) [illegible], (*Date*) [illegible], 192

Time (local standard). ____ mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	34	34	34	34	34	34	34	34	34	34	34	34
State of weather: Nature of precipitation and time of beginning and ending			RE DNA Smg DNA							Sm F 9:35 RB 9:35 RE 1400	Sm R	
Amounts of precipitation	—	—	—	—	—	—	—	—	—	—	—	—
Cloudiness and other conditions						← Cloudy						
Sunrise: Time, Character,	6:55 Cloudy											
Moonrise:	6:52a											
Sunshine (in tenths of hours)							0	0	0	0	0	0
Wind direction	SW	SW	SW	SW	SW	W	W	W	W	W	W	W
Wind movement	8	8	9	9	9	9	10	11	11	11	13	13
Maximum velocities (exceeding [illegible] miles) direction and time												

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	34	34	35	35	34	34	35	34	34	34	34	34
State of weather: Nature of precipitation and time of beginning and ending				Sm E 3:20								
Amounts of precipitation	—	—	—	—								
Cloudiness and other conditions						Cloudy →						
Sunset: Time, Character,									4:13 Cloudy			
Moonset:									11:48p			
Sunshine (in tenths of hours)	0	0	0	0	0							
Wind direction	W	W	W	W	W	W	W	W	W	W	W	W
Wind movement	14	13	13	12	13	12	11	11	11	10	9	9
Maximum velocities (exceeding [illegible] miles) direction and time												

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

	Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
	35	34	34	

Total depth of snow for 24 hours ending 7 p. m., ____ inches.

Snow, sleet, and hail on ground 7 p. m., ____ inches.

Total snowfall, midnight to midnight, ____ inches.

Precipitation to 7 a. m., .14 ins.; to 7 p. m., T ins.

Total precipitation, midnight to midnight, .08 inches.

Character of day, Cloudy Moon phase, New

Average daily cloudiness (0-10), 10

Actual sunshine, hours, 0 Possible sunshine, hours, 0.2

Per cent of possible sunshine, 0

Prevailing wind direction, W Total wind 239

Average hourly velocity, 12.5 Extreme velocity, ____

Maximum velocity, 14 Direction, ____

Time began, 12 ____

Reduced barometer, 29.88 7 a. m. 30.04 7 p. m.

River gage, 5.2 Feet

Relative humidity, 70 7 a. m. 75 p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

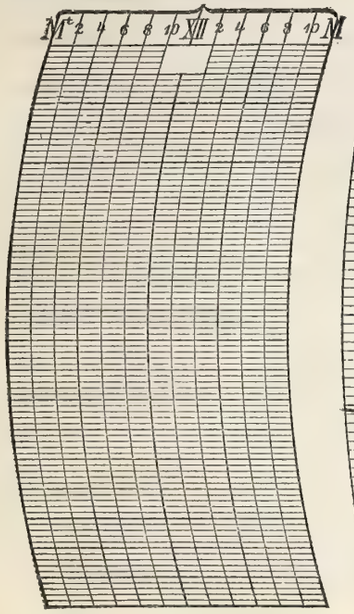
Dry temperature, 34.6 Wet temperature, 33.3

Dew-point, 31 R. humidity, 88 V. pressure, [illegible]

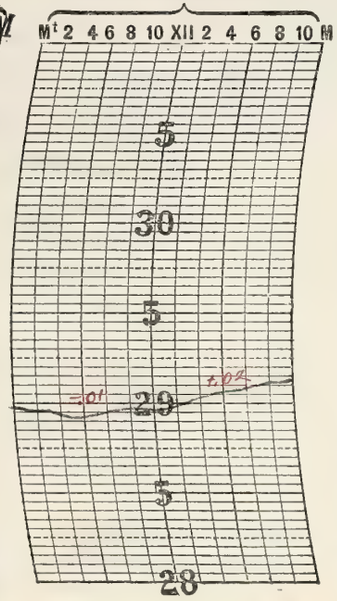
Clouds: Amount, 10; Kind, Nb; Direction, ____

Velocity of clouds (miles per hour) ____

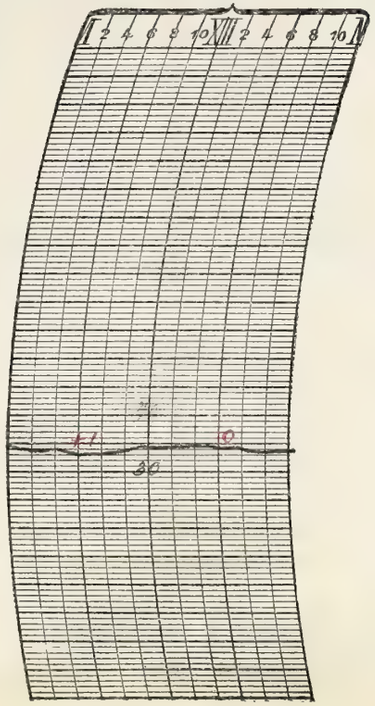
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

A cloudy and disagreeable day with a wet snow falling during most of the daylight hours.

Prepared by ____

Verified by [illegible]

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(*Station*) ....., (*Day of week*) ....., (*Date*) ....., 192

Time (local standard). ..... mer. normal time.	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	33	33	33	33	32	32		34	35	37	39	43	44	45	45	44	43	43	43	42	42	42	42	42
State of weather. Nature of precipitation and time of beginning and ending																			188 6:55	RE 7:02				
Amounts of precipitation																			—	—				
Cloudiness and other conditions							← Cloudy		× Pt. Cloudy				× Clear		× Pt. Cldy			Cloudy						
	Sunrise: Time, 6:56 Character, Clear; Moonrise: 7:39a																				Sunset: Time, 7:12 Character, Clear; Moonset: 5:39a			
Sunshine (in tenths of hours)							0	0	0	0.8	1.0	1.0	1.0	1.0	1.0									
Wind direction	W	SW	SW	SW	SW	SW	S	SE	S	S	S	S	S	S	S	SE	SE	S	S	S	S	S	S	SW
Wind movement	8	7	6	7	11	8	7	5	8	9	12	10	14	13	12	11	10	10	11	11	11	11	9	9
Maximum velocities (exceeding ..... miles) direction and time																								

	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																				

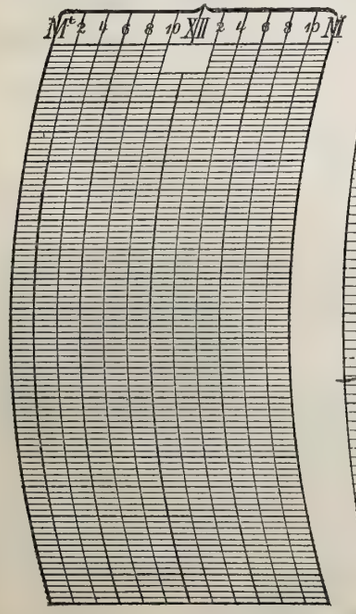
Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
45	32	38	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, — inches.
Character of day, Pt. Cldy Moon phase, ...
Average daily cloudiness (0-10), ...
Actual sunshine, hours, 5.2 Possible sunshine, hours, 9.2
Per cent of possible sunshine, 56
Prevailing wind direction, S Total wind .....
Average hourly velocity, ... Extreme velocity, ...
Maximum velocity, 17 Direction, ...
Time began, 4:37 .....
Reduced barometer, 29.56 a. m. 29.56 p. m.
River gage, 4.8 Rise
Relative humidity, ... a. m. ..... p. m.

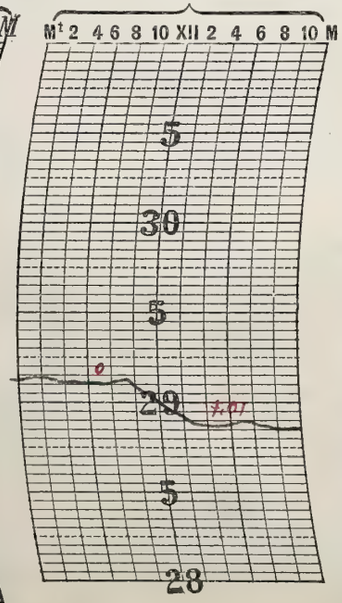
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 41.0 Wet temperature, 37.0
Dew-point, 32 R. humidity, 69 V. pressure, .120
Clouds: Amount, 4; Kind, Cu St; Direction, ...
Velocity of clouds (miles per hour) .....

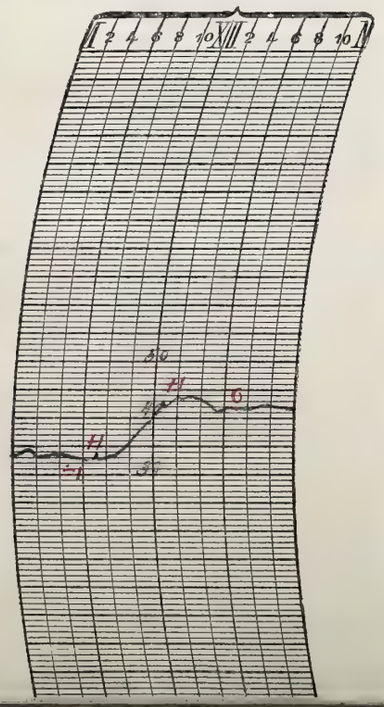
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

Prepared by .....
Verified by P. M. Kenworthy

Form No. 1011—Oct 8—189

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(*Station*) Fort Wayne, Ind., (*Day of week*) Sunday, (*Date*) ....., 192

Time (local standard). 90° mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	42	42	40	40	39	38	38	38	40	44	50	50
State of weather. Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions						←	Clear					→
Sunshine (in tenths of hours)							0	0	0.7	1.0	1.0	0.3
Wind direction	SW	SW	SW	S	S	S	S	S	S	S	S	S
Wind movement	7	8	7	8	7	6	7	6	8	9	8	13

Sunrise: Time, 6:57 Character, Cloudy

Moonrise: 8:44

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	53	54	53	52	52	51	50	49	49	51	52	53
State of weather. Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions												
Sunshine (in tenths of hours)	1.0	1.0	0.8	0	0							
Wind direction	S	S	S	SE	SE	SE	SE	SE	S	SE	S	S
Wind movement	9	9	9	8	8	9	9	9	11	10	9	11

Sunset: Time, 4:13 Character, Cloudy

Moonset: 6:44

Cloudy — Pt. Cloudy

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
55	38	46	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow, sleet, and hail on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, ... inches.

Character of day, Pt. Cl. Moon phase, ...

Average daily cloudiness (0-10), 6

Actual sunshine, hours, 5.8 Possible sunshine, hours, 9.3

Per cent of possible sunshine, 62

Prevailing wind direction, S Total wind .....

Average hourly velocity, 8.5 Extreme velocity, 12

Maximum velocity, 16 Direction, S

Time began, ...

Reduced barometer, 29.86 7 a. m. 29.84 7 p. m.

River gage, 4.4 Feet

Relative humidity, 74 7 a. m. 62 7 p. m.

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

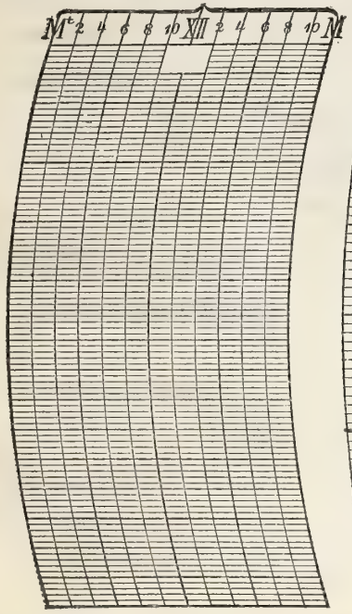
Dry temperature, 50.1 Wet temperature, 46

Dew-point, 44 R. humidity, 81 V. pressure, 29.81

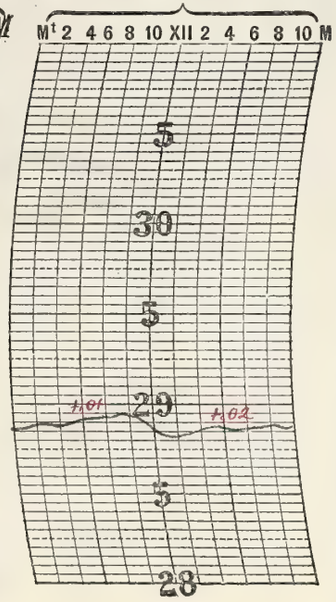
Clouds: Amount, 10; Kind, Strat.; Direction, ...

Velocity of clouds (miles per hour) .....

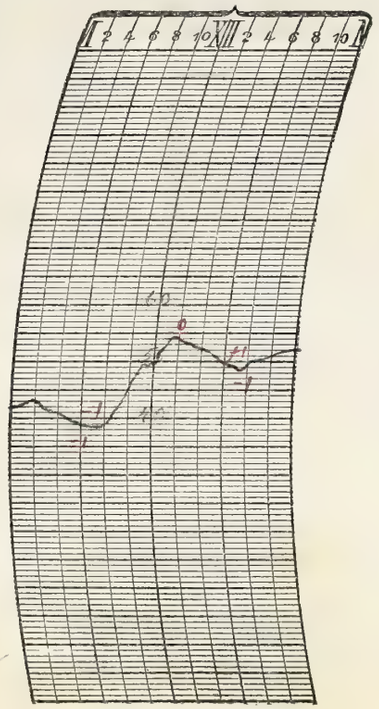
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

A healthy cloudy day which was exceedingly mild, pleasant and refreshing.

Prepared by .....

Verified by .....

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(*Station*) Fort Wayne, Ind., (*Day of week*) Monday, (*Date*) [illegible], 192

Time (local standard). ____ mer. normal time.	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	52	53	54	55	55	56	56	56	56	56	56	57	56	56	57	55	56	56	55	54	54	55	56	56
State of weather. Nature of precipitation and time of beginning and ending					RB DH-A		RE						FR											
Amounts of precipitation																								
Cloudiness and other conditions						← Cloudy												Cloudy →						
Sunrise: Time, 6:58 Character, Cloudy																					Sunset: Time, 4:43 Character, Cloudy			
Moonrise: 9:00 a																					Moonset: 7:47 p			
Sunshine (in tenths of hours)							0	0		0	0	0	0	0	0		0							
Wind direction	SE	S	S	SE	S	S	S	S	S	S	S	S	S	SE	SE	SE	SE	SE	S	SE	SE	S	S	SW
Wind movement	8	8	8	10	8	11	11	14	14	12	13	12	10	11	15	14	13	14	15	18	16	17	20	25
Maximum velocities (exceeding ____ miles) direction and time																								32 SW 1:22

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

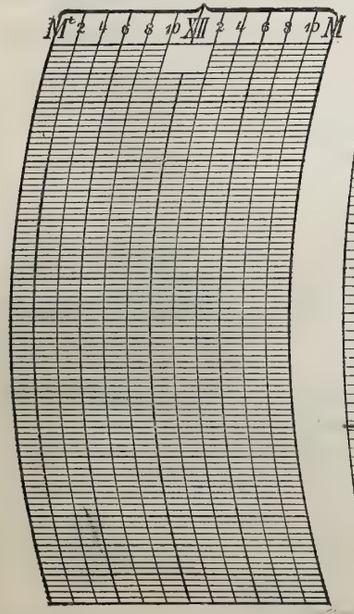
Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
57	46	54	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, ____ inches.
Precipitation to 7 a. m., 1 ins.; to 7 p. m., 13 ins.
Total precipitation, midnight to midnight, 1.30 inches.
Character of day, Cloudy Moon phase, ____
Average daily cloudiness (0-10), 10
Actual sunshine, hours, 0 Possible sunshine, hours, 0
Per cent of possible sunshine, 0
Prevailing wind direction, S Total wind [illegible]
Average hourly velocity, 13.2 Extreme velocity, 40
Maximum velocity, 32 Direction, [illegible]
Time began, [illegible]
Reduced barometer, 29.7[illegible] a. m. 29.3[illegible] p. m.
River gage, 4.2 Fall
Relative humidity, 92 a. m. [illegible] p. m.

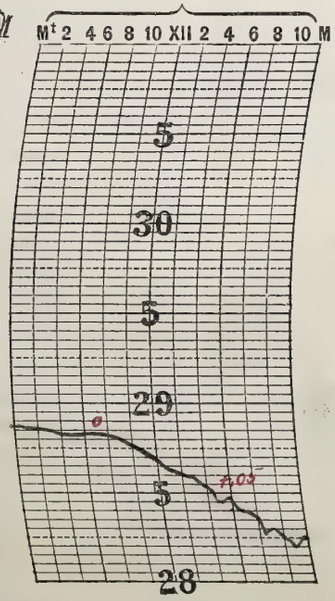
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 50.2 Wet temperature, [illegible]
Dew-point, 41 R. humidity, 70 V. pressure, [illegible]
Clouds: Amount, 10; Kind, [illegible]; Direction, ____
Velocity of clouds (miles per hour) ____

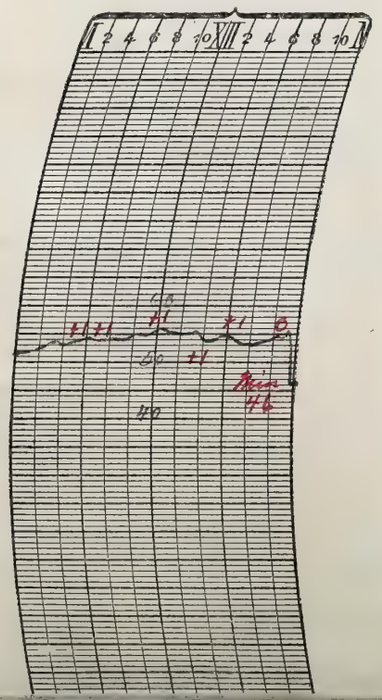
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



Prepared by [illegible]
Verified by [illegible]

ø Estimated.

NOTES.

A cloudy day with rain throughout the afternoon. Rains making it very slippy and disagreeable outdoors!

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind, (Day of week) Tuesday, (Date) ....., 192

Time (local standard). 90th mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	46	44	42	40	38	38	34	35	37	39	39	40
State of weather: Nature of precipitation and time of beginning and ending				✓	RE DNA Sm B DNA			Sm 7:48	✓			
Amounts of precipitation					—	—	—	—				
Cloudiness and other conditions						← Cloudy →		Pt Cloudy		× Cloudy →		
Sunrise: Time, Character,	6:58 Cloudy											
Moonrise:	9:25P											
Sunshine (in tenths of hours)							0	0	1.0	0		
Wind direction	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW
Wind movement	22	27	29	22	37	39	40	15	7	16	16	3[illegible]
Maximum velocities (exceeding [illegible] miles) direction and time	32 SW 2:54	31 SW 1:33	32 SW 2:23	40 SW 3:21	SW 4:35	SW 5:43	SW 6:24	3[illegible] 7:00		42 SW 9:46	42 SW 10:06	42 W 11:10
Excessive precipitation, accumulated amounts												

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	43	44	43	43	43	37	38	37	36	35	33	31
State of weather: Nature of precipitation and time of beginning and ending					✓	Sm B 5:30	Sm E 6:05				Sm B 10:00 Sm E 10:45	✓
Amounts of precipitation						—	—				—	
Cloudiness and other conditions												
Sunset: Time, Character,	4:13 Cloudy											
Moonset:	8:34P											
Sunshine (in tenths of hours)	1.0	1.0	0.5	1.0								
Wind direction	SW	SW	SW	SW		W	W	W	SW	SW	W	W
Wind movement	32	32	20	21	27	30	24	25	19	27	29	29
Maximum velocities (exceeding [illegible] miles) direction and time	42 SW 12:44	40 SW 1:32	37 SW 2:13		32 W 4:52	36 W 5:20	38 SW 6:53	32 W 7:14	36 SW 8:39	32 SW 9:27	33 W 10:42	38 W 11:[illegible]

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
46	31	38	

Total depth of snow for 24 hours ending 7 p. m., T inches.

Snow, sleet, and hail on ground 7 p. m., T inches.

Total snowfall, midnight to midnight, T inches.

Precipitation to 7 a. m., .25 ins.; to 7 p. m., T ins.

Total precipitation, midnight to midnight, .10 inches.

Character of day, PC, Moon phase, ...

Average daily cloudiness (0-10), 7

Actual sunshine, hours, 2.0 Possible sunshine, hours, 9.3

Per cent of possible sunshine, 22

Prevailing wind direction, SW Total wind 6[illegible]

Average hourly velocity, 28.2 Extreme velocity, 60

Maximum velocity, 5 45 Direction, ...

Time began, 6:24 am

Reduced barometer, 29.35 a. m. 29.40, p. m.

River gage, ...

Relative humidity, [illegible] a. m. [illegible] p. m.

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

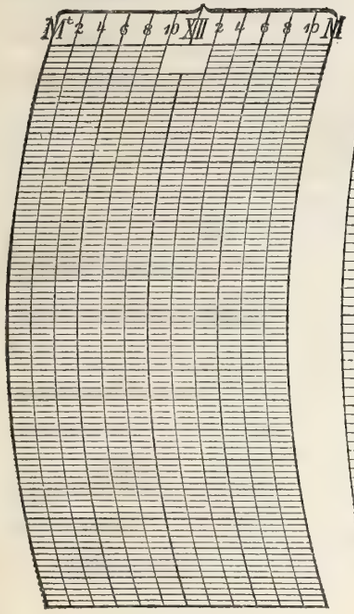
Dry temperature, 40.0 Wet temperature, ...

Dew-point, 28 R. humidity, 61 V. pressure, [illegible]

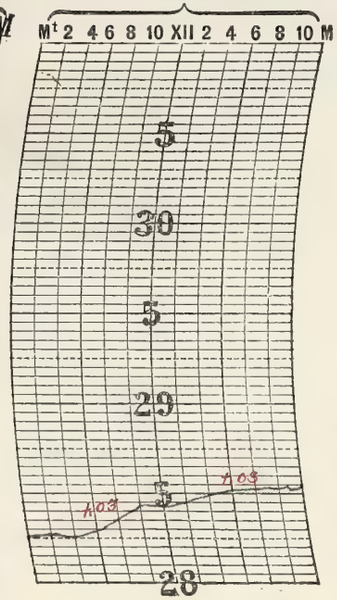
Clouds: Amount, 2; Kind, Cu; Direction, [illegible]

Velocity of clouds (miles per hour) .....

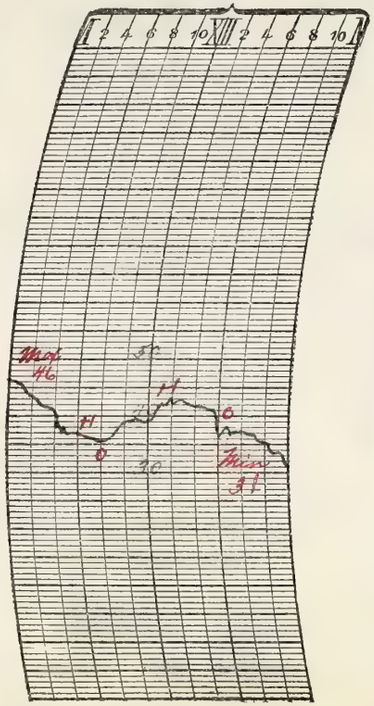
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



Prepared by .....

Verified by .....

8—486

NOTES.

Light rain and snow occurred in the forenoon, and then was light moist snow in the afternoon and late night.

In connection with a severe storm that moved from the Mississippi Valley to the upper Lake region, high winds, with occasionally damaging gusts, prevailed throughout the day. Interurban traffic was temporarily interrupted on some of the lines out of Fort Wayne and a number of telephones were put out of commission.

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Yukon, Alaska, (Day of week) Wednesday, (Date) Dec. 15, 1915, 192

Time (local standard). ___ mer. normal time.	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	30	31	31	30	30	31	31	32	31	30	31	30	29	28	28	28	27	28	29	28	28	28	28	28
State of weather. Nature of precipitation and time of beginning and ending							S 6:35															SDE 9:20		
Amounts of precipitation							—	—	—	—	—	—												
Cloudiness and other conditions						←	Cloudy									Cloudy						→		
Sunrise: Time, 6:59 Character, Cloudy																					Sunset: Time, 4:14 Character, Cloudy			
Moonrise:																					Moonset:			
Sunshine (in tenths of hours)							0	0	0	0	0	0	0.1	0	0	0	0							
Wind direction	W	W	W	W	W	W	W	W	W	W	W	SW	W	W	W	W	W	SW	SW	W	W	W	W	W
Wind movement	20	21	23	27	25	20	26	26	28	24	27	27	41	40	40	45	42	31	33	24	34	20	10	10
Maximum velocities (exceeding 10 miles) direction and time	39 W 12:43			34 W 3:38	31 W 4:12	34 W 5:23	30 W 1:32	30 SW 2:16	30 W 5:51		30 W 10:45	34 W 11:46	31 W 12:28	33 W 1:30	33 W 2:27	31 W 3:12					34 W 6:00			

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

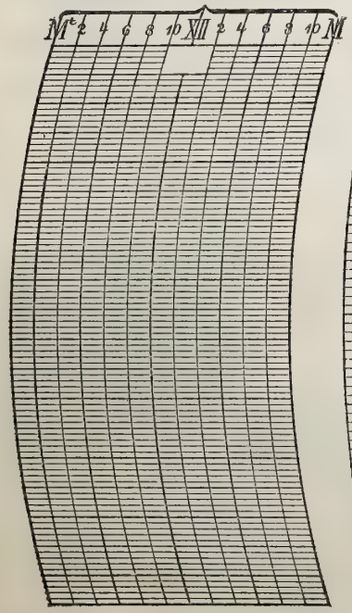
Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
32	27	30	

Total depth of snow for 24 hours ending 7 p. m., 0.1 inches.
Snow, sleet, and hail on ground 7 p. m., 0.1 inches.
Total snowfall, midnight to midnight, 0.2 inches.
Precipitation to 7 a. m., T ins.; to 7 p. m., 0.01 ins.
Total precipitation, midnight to midnight, 0.02 inches.
Character of day, Cloudy Moon phase, ____
Average daily cloudiness (0–10), 9
Actual sunshine, hours, 0.1 Possible sunshine, hours, 9.5
Per cent of possible sunshine, 1
Prevailing wind direction, W Total wind ____
Average hourly velocity, 24.2 Extreme velocity, 40
Maximum velocity, 39 Direction, W
Time began, 12:03 am.
Reduced barometer, 29.22 a. m. 29.58, p. m.
River gage, ____
Relative humidity, 65 a. m. 78 p. m.

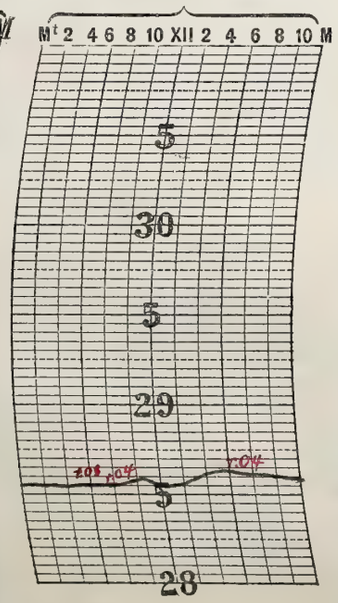
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 30.0 Wet temperature, 28.3
Dew-point, 25 R. humidity, 80 V. pressure, ____
Clouds: Amount, 10; Kind, ____; Direction, ____
Velocity of clouds (miles per hour) ____

THERMOGRAPH.



BAROGRAPH.



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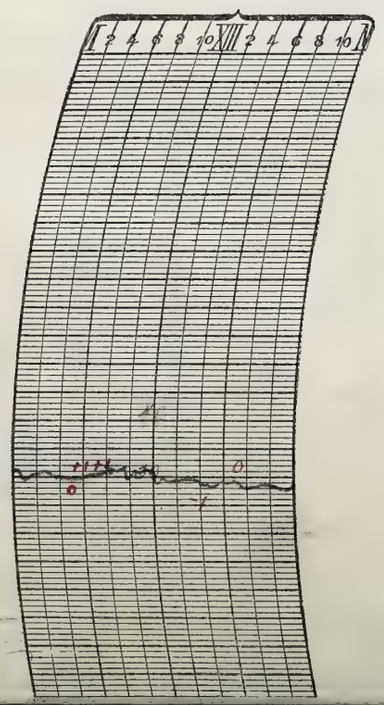


NOTES.

A cloudy, cold and windy day with a dry snow falling during the major portion thereof.

The high winds which commenced on the night of the 13–14th continued through the major portion of this day, abating to abate very slowly during the late afternoon.

Prepared by ____

Verified by ____

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(*Station*) _____, (*Day of week*) _____, (*Date*) _____, 192

Time (local standard). 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	28	28	28	27	28	27	27	26	26	27	28	30
						S 10 5:17					S 1E 10:30	
State of weather. Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions						Cloudy					Pt Cloudy	
Sunrise: Time, Character,	7:02 Cloudy											
Moonrise:	10:36a											
Sunshine (in tenths of hours)								0	0	0	0	0
Wind direction	W	W	W	W	W	W	W	W	W	W	W	W
Wind movement	16	17	17	16	16	19	22	19	28	21	30	19
Maximum velocities (exceeding ___ miles) direction and time												

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	32	34	36	35	34	33	33	33	34	34	33	31
State of weather. Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions	Clear			Pt Cloudy			Cloudy					
Sunset: Time, Character,	4:14 Cloudy											
Moonset:	10:18p											
Sunshine (in tenths of hours)	10	10	10	0.4	0							
Wind direction	W	W	W	SW	SW	SW	SW	SW	SW	SW		
Wind movement	20	20	17	14	12	0			5			
Maximum velocities (exceeding ___ miles) direction and time												

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
36	26	32	

Total depth of snow for 24 hours ending 7 p. m., .01 inches.

Snow, sleet, and hail on ground 7 p. m., T inches.

Total snowfall, midnight to midnight, T inches.

Precipitation to 7 a. m., .01 ins.; to 7 p. m., T ins.

Total precipitation, midnight to midnight, ___ inches.

Character of day, Pt Cl. Moon phase, ___

Average daily cloudiness (0-10), 6

Actual sunshine, hours, 3.8 Possible sunshine, hours, 9.6

Per cent of possible sunshine, 41

Prevailing wind direction, NW Total wind 353

Average hourly velocity, 14.7 Extreme velocity, 25

Maximum velocity, 25 Direction, ___

Time began, 9:15 am

Reduced barometer, 29.55 7 a. m. 29.61 7 p. m.

River gage, ___

Relative humidity, ___ 7 a. m. ___ 7 p. m.

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

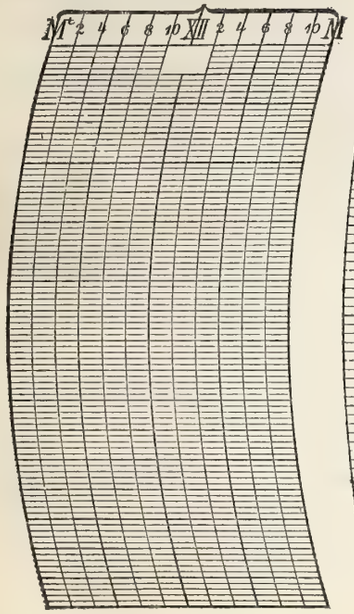
Dry temperature, 32 Wet temperature, ___

Dew-point, 22 R. humidity, 69 V. pressure, ___

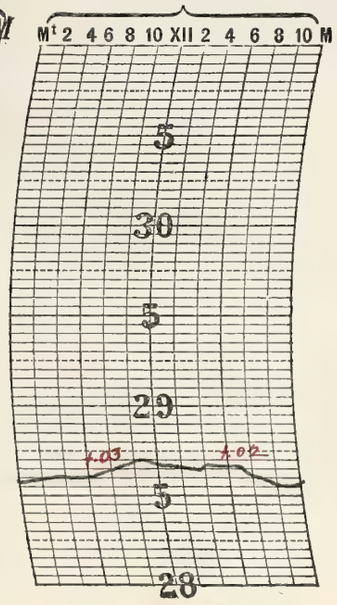
Clouds: Amount, 7; Kind, Cu; Direction, ___

Velocity of clouds (miles per hour) ___

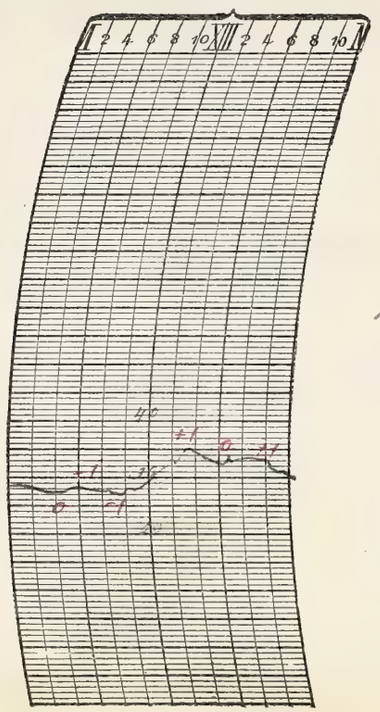
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

A partly cloudy and cold day with a light dry snow during the morning daylight hours. Moderate westerly winds throughout the daylight hours.

Parhelia of a 22 degree halo and to the left of the sun was a fog bank from 2:25 pm to sunset. The length of life was approximately [illegible]

Prepared by _____

Verified by P. M. Gaugh

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) ....., *(Day of week)* ....., *(Date)* ....., *192*

Time (local standard). ..... mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	31	31	31	31	29	29	28	25	25	25	26	28
State of weather: Nature of precipitation and time of beginning and ending												SdB 11:00
Amounts of precipitation												—
Cloudiness and other conditions						←		Cloudy				
Sunrise: Time, Character,	7:01 Cloudy											
Moonrise:												
Sunshine (in tenths of hours)								0	0	0	0	0
Wind direction	NW	NW	W	W	NW	W	W	W	W	W	W	W
Wind movement	10	10	11	14	18	17	17	16	17	17	12	18

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	28	29	29	29	29	28	27	27	27	26	25	25
State of weather: Nature of precipitation and time of beginning and ending					SdE 4:15			SdB 7:02 SdE 7:20				
Amounts of precipitation	—	—	—	—	—			—				
Cloudiness and other conditions					Cloudy						→	
Sunset: Time, Character,									4:14 Cloudy			
Moonset:												
Sunshine (in tenths of hours)	0	0	0	0	0							
Wind direction	W	W	W	W	W	W	W	W	W	W	W	W
Wind movement	17	16	19	19	20	20	19	18	15	14	14	13

Maximum velocities (exceeding ..... miles) direction and time.

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

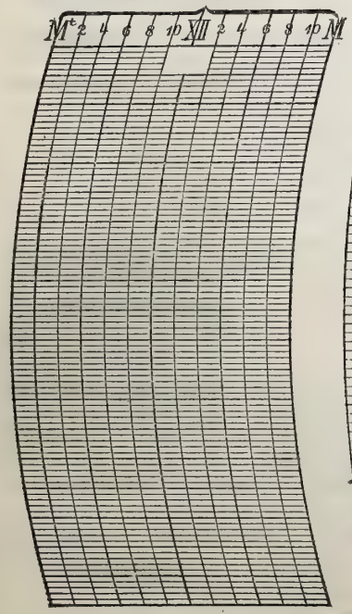
Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
31	25	28	

Total depth of snow for 24 hours ending 7 p. m., T inches.
Snow, sleet, and hail on ground 7 p. m., T inches.
Total snowfall, midnight to midnight, T inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., T ins.
Total precipitation, midnight to midnight, T inches.
Character of day, Cloudy Moon phase, ...
Average daily cloudiness (0-10), 10
Actual sunshine, hours, 0 Possible sunshine, hours, ...
Per cent of possible sunshine, 0
Prevailing wind direction, W Total wind .....
Average hourly velocity, ... Extreme velocity, ...
Maximum velocity, ... Direction, S
Time began, ...
Reduced barometer, 29.69 7 a. m. 29.82 7, p. m.
River gage, 5.9 Feet
Relative humidity, 81 7 a. m. 72 7 p. m.

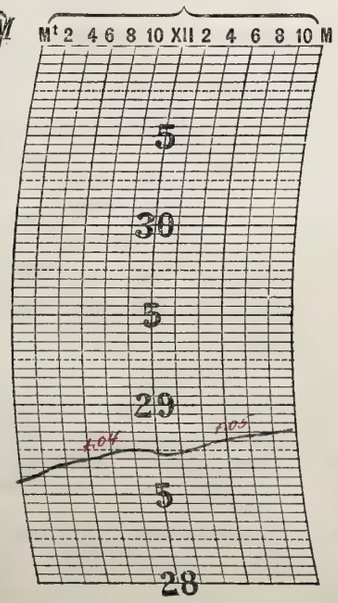
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 28.0 Wet temperature, 26.0
Dew-point, 22 R. humidity, 72 V. pressure, .113
Clouds: Amount, 10; Kind, Strat.; Direction, W
Velocity of clouds (miles per hour) .....

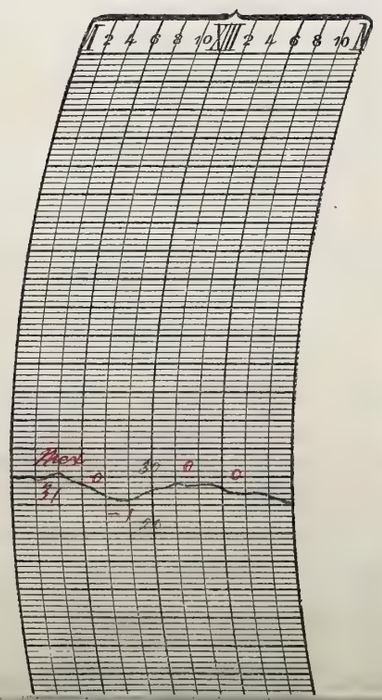
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

A cloudy and cold day with moderate westerly winds.

Prepared by .....

Verified by P. H. Thomas

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(*Station*) ....., (*Day of week*) ....., (*Date*) ....., 192

Time (local standard). 90° mer. normal time.

	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	23	23	22	[illegible]	[illegible]	[illegible]	[illegible]	22	23	23	23	[illegible]
State of weather. Nature of precipitation and time of beginning and ending					S 9 B DNA							S 9 E 11:31
Amounts of precipitation					—	—	—	—	—	—	—	—
Cloudiness and other conditions						← Cloudy						
Sunrise: Time, 7:01 Character, Cloudy												
Moonrise: 11:34a.												
Sunshine (in tenths of hours)								0	[illegible]			[illegible]
Wind direction	W	W	W	W	W	W	W	W	W	W	W	W
Wind movement	15	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	12	12	12	13
Maximum velocities (exceeding 22 miles) direction and time												

	P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	24	25	24	24	22	22	20	20	19	18	19	18
State of weather. Nature of precipitation and time of beginning and ending	S 9 B 12:10								S 9 E 8:05			
Amounts of precipitation	—	—	—	—	—	—	—	—	—			
Cloudiness and other conditions			Cloudy						x Cldy	x Clear		x [illegible]
Sunset: Time, 4:15 Character, Cloudy												
Moonset: —												
Sunshine (in tenths of hours)	0.2	0	0.1	0	0							
Wind direction	W	W	W	W	W	NW	NW	NW	NW	NW	NW	NW
Wind movement	14	15	17	14	14	11	11	9	6	7	7	5
Maximum velocities (exceeding 22 miles) direction and time												

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
25	18	22	

Total depth of snow for 24 hours ending 7 p. m., 0.1 inches.

Snow, sleet, and hail on ground 7 p. m., T inches.

Total snowfall, midnight to midnight, 0.1 inches.

Precipitation to 7 a. m., T ins.; to 7 p. m., T ins.

Total precipitation, midnight to midnight, T inches.

Character of day, Cloudy Moon phase, F.Q., 8:14 am.

Average daily cloudiness (0–10), 10

Actual sunshine, hours, 0.2 Possible sunshine, hours, 0.5

Per cent of possible sunshine, 8

Prevailing wind direction, W Total wind 270

Average hourly velocity, 11.3 Extreme velocity, 22

Maximum velocity, 18 Direction, W

Time began, 12:42 am

Reduced barometer, 29.98 7 a. m. 29.98 7 p. m.

River gage, 3.25

Relative humidity, 72 7 a. m. 72 7 p. m.

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

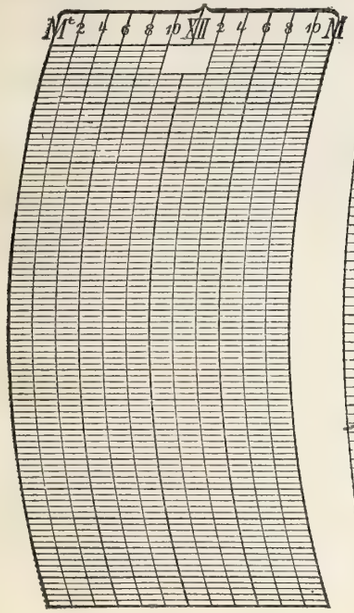
Dry temperature, 24.8 Wet temperature, 22.0

Dew-point, 16 R. humidity, 65 V. pressure, .085

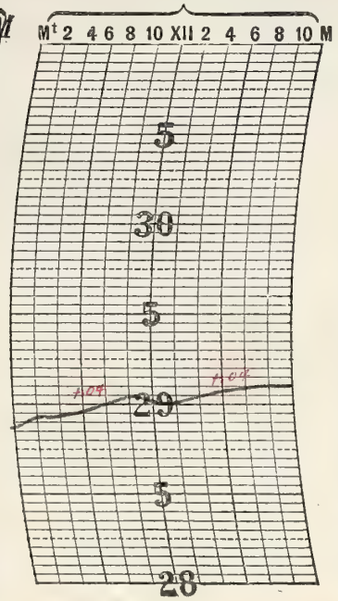
Clouds: Amount, 9; Kind, St.Cu.; Direction, W

Velocity of clouds (miles per hour)

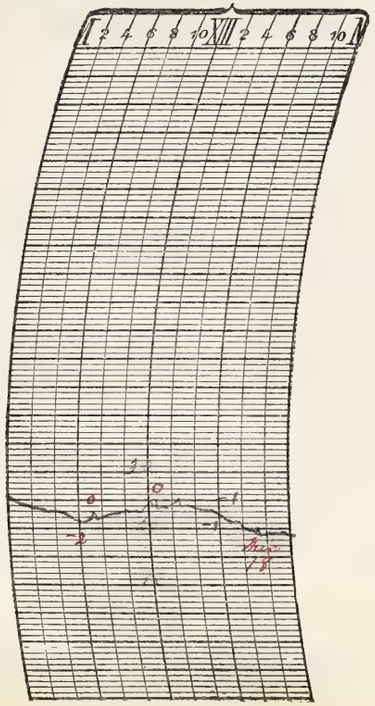
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

A cloudy, cold and raw day with moderate Northerly winds

Prepared by .....

Verified by .....

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(*Station*) ....., (*Day of week*) ....., (*Date*) ....., 192

Time (local standard). ..... mer. normal time.

	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	18	18	18	19	20	20	21	22	19	19	19	19
State of weather: Nature of precipitation and time of beginning and ending					S98 D17					S4F 9:35		
Amounts of precipitation					—	—	—	—	—	—		
Cloudiness and other conditions						← Cloudy			→ Pt. Cloudy		→ Cloudy	
Sunrise: Time, 7:02 Character, Clear. Moonrise: 12:00 M.												
Sunshine (in tenths of hours)								2	2	2	6	0
Wind direction	SW	SW	SW	SW	W	W	W	W	W	W	W	SW
Wind movement	6	6	7	8	9	11	7	8	11	12	12	12
Maximum velocities (exceeding 19 miles) direction and time												

	P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	20	23	24	21	23	22	20	21	20	19	18	17
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions	→ Cloudy		→ Pt. Cloudy			→	→ Clear		→			
Sunset: Time, Character, Moonset: 12:00 M.												
Sunshine (in tenths of hours)	0.5	0.8										
Wind direction	W	W	W	W	W	NW	W	W	W	SW	SW	SW
Wind movement	11	13	8	12	6	5	5	5	6	4	2	6
Maximum velocities (exceeding 19 miles) direction and time												

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
34	17	26	

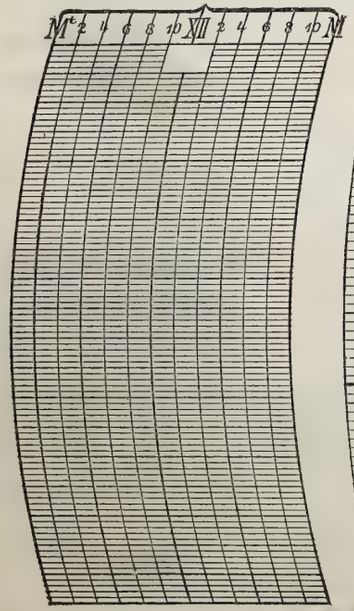
Total depth of snow for 24 hours ending 7 p. m., 0.4 inches.
Snow, sleet, and hail on ground 7 p. m., 0.2 inches.
Total snowfall, midnight to midnight, ... inches.
Precipitation to 7 a. m., .02 ins.; to 7 p. m., T ins.
Total precipitation, midnight to midnight, ... inches.
Character of day, ... Moon phase, ...
Average daily cloudiness (0–10), ...
Actual sunshine, hours, 4.8 Possible sunshine, hours, 9.5
Per cent of possible sunshine, 51
Prevailing wind direction, ... Total wind .....
Average hourly velocity, ... Extreme velocity, ...
Maximum velocity, ... Direction, ...
Time began, 9:30 a.
Reduced barometer, 30.11 7 a. m. 30.20 7 p. m.
River gage, 4.3 Fall
Relative humidity, 92 7 a. m. 72 7 p. m.

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

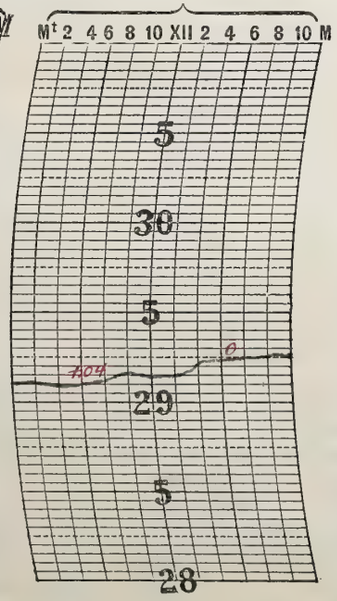
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 21.0 Wet temperature, 18.4
Dew-point, 12 R. humidity, 63 V. pressure, .070
Clouds: Amount, 8; Kind, St.Cu.; Direction, W.
Velocity of clouds (miles per hour) .....

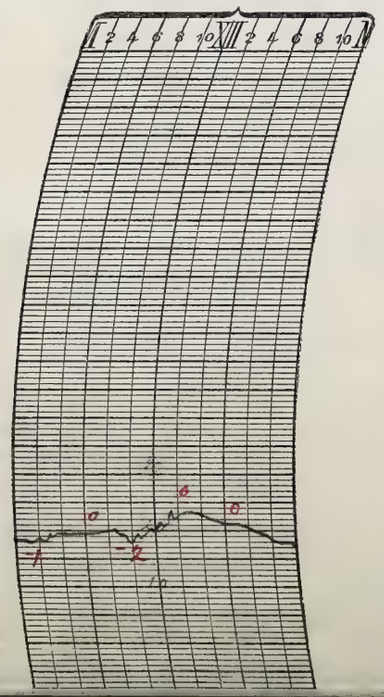
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

A partly cloudy and cold throughout. Pleasant day.

Prepared by .....
Verified by .....

Verified by

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Monday, (Date) , 192

Time (local standard). mer. normal time.	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	16	16	16	15	15	16	18	18	19	22	24	26	27	28	29	28	26	25	24	23	22	21	20	20
State of weather. Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions						←		Pt Cloudy					×		Clear									→
Sunshine (in tenths of hours)								0	0	0.5	0.8	1.0	1.0	1.0	1.0	0.9 / 0.1	.25 / 0							
Wind direction	SW	W	W	W	W	W	W	W	W	W	SW	SW	S	S	S	S	S	SE	SE	E	SE	SE	E	E
Wind movement	6	4	4	5	5	5	2	2	5	11	5	5	3	4	4	5	5	4	3	5	5	5	7	7
Maximum velocities (exceeding ___ miles) direction and time																								

Sunrise: Time, 7:02 Character, Cloudy
Moonrise: 12:53 p
Sunset: Time, 4:15 Character, Clear
Moonset: None

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

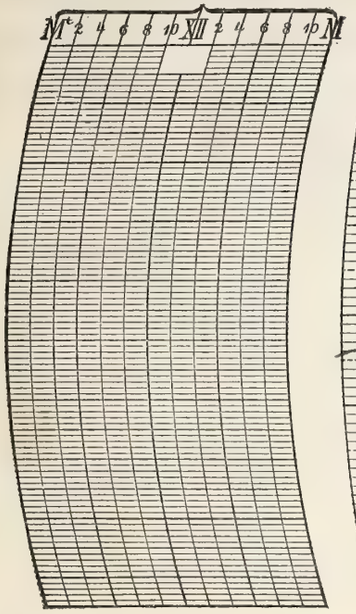
Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
29	15	22	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., T inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Pt Cloudy Moon phase,
Average daily cloudiness (0-10),
Actual sunshine, hours, 6.6 Possible sunshine, hours, 9.6
Per cent of possible sunshine, 70
Prevailing wind direction, W Total wind
Average hourly velocity, 4.7 Extreme velocity, 7
Maximum velocity, 7 Direction, E
Time began, 9:50 a m
Reduced barometer, 30.88 7 a. m. 30.42 7 p. m.
River gage, 3.3 ft
Relative humidity, 76 7 a. m. 72 p. m.

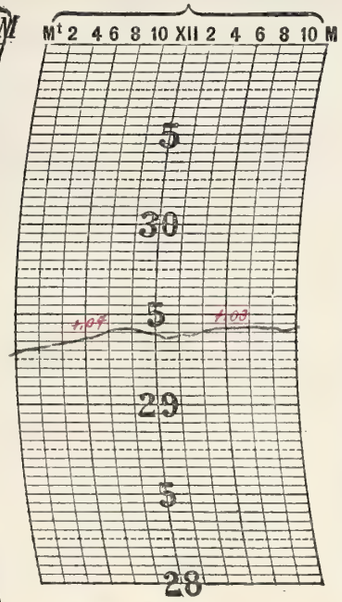
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 28.0 Wet temperature, 24.4
Dew-point, 17 R. humidity, 59 V. pressure, 28.
Clouds: Amount, 4; Kind, AST; Direction, NW
Velocity of clouds (miles per hour)

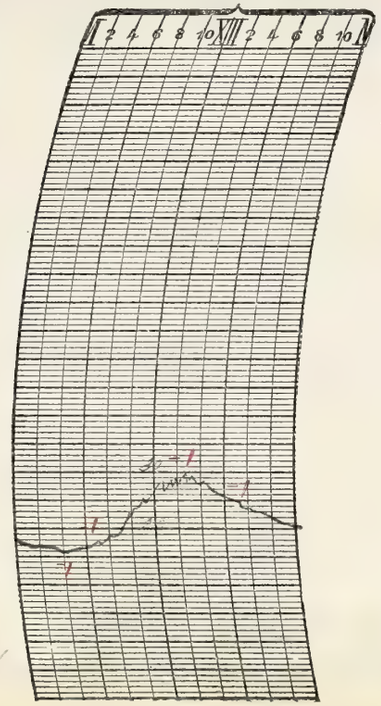
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

A hearty climate day with temperature just cool enough to make it snappy, and invigorating.

Prepared by

Verified by P. M. Thomas

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(*Station*) Port Wayne, Ind., (*Day of week*) Tuesday, (*Date*) Dec 31 1901, 192

Time (local standard). ____ mer. normal time.	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	20	20	20	20	20	20	21	21	22	23	24	25
State of weather. Nature of precipitation and time of beginning and ending											SB 10:45	
Amounts of precipitation												
Cloudiness and other conditions						←	Cloudy					
Sunrise: Time, 7:03 Character, Cloudy												
Moonrise: 1:02												
Sunshine (in tenths of hours)								0	0	0	0	0
Wind direction	E	E	E	E	E	E	E	E	E	E	E	E
Wind movement	7	9	10	11	14	11	12	11	12	14	13	12
Maximum velocities (exceeding 22 miles) direction and time												

Time (local standard). ____ mer. normal time.	P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	24	26	28	29	30	31	32	32	33	34	35	36
State of weather. Nature of precipitation and time of beginning and ending	SHE 12:15 SRB 1:15 SHE 12:30 SRB 1:45			SHE 2:30 RB 3:30								
Amounts of precipitation	—	—	—	—	—	—	—	—	—	—	—	—
Cloudiness and other conditions				Cloudy								→
Sunset: Time, 4:16 Character, Cloudy												
Moonset: 2:34												
Sunshine (in tenths of hours)	0	0	0	0	0							
Wind direction	E	E	E	E	E	E	E	SE	SE	SE	SE	SE
Wind movement	15	17	13	11	9	6	7	6	6	5	5	3
Maximum velocities (exceeding 22 miles) direction and time												

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
36	20	28	

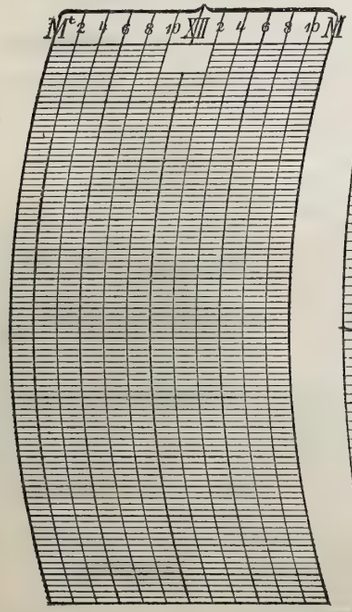
Total depth of snow for 24 hours ending 7 p. m., T inches.
Snow, sleet, and hail on ground 7 p. m., 0.1 inches.
Total snowfall, midnight to midnight, T inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., .14 ins.
Total precipitation, midnight to midnight, .14 inches.
Character of day, Cloudy Moon phase, ____
Average daily cloudiness (0–10), 10
Actual sunshine, hours, 0 Possible sunshine, hours, 9.2
Per cent of possible sunshine, 0
Prevailing wind direction, E Total wind 2[illegible]
Average hourly velocity, 10.0 Extreme velocity, [illegible]
Maximum velocity, 21 Direction, E
Time began, 1:30 P.M.
Reduced barometer, 30.29 a. m. 30.00 p. m.
River gage, 3.0 Feet
Relative humidity, [illegible] a. m. 95 p. m.

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

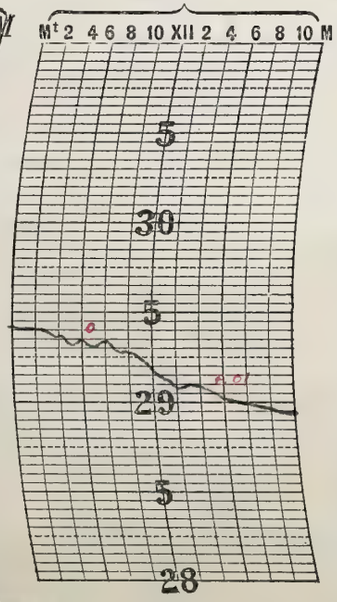
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 26.0 Wet temperature, 24.0
Dew-point, 20 R. humidity, 75 V. pressure, .102
Clouds: Amount, 10; Kind, Ns; Direction, E
Velocity of clouds (miles per hour)____

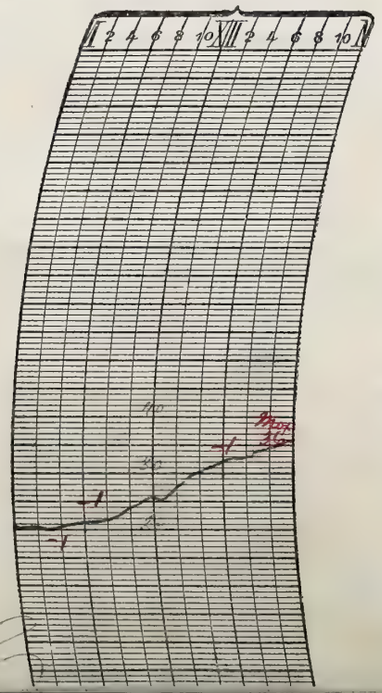
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



*Estimated

NOTES.

A cloudy and disagreeable day. A light snow which commenced falling in the morning changed to moist rain shortly afterward and this was followed by sleet which was the first sleet of the season, eventually turning to rain in middle forenoon. The rain froze as it fell causing the roof equipment to acquire a coating of ice also the streets and sidewalks. The ice coating on the streets and walks made it dangerous for pedestrians as well as horses driving automobiles.

Prepared by ____

Verified by D. McDonald

Verified by

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(*Station*) ....., (*Day of week*) ....., (*Date*) ....., 192

Time (local standard). 90th mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	35	37	36	37	37	[illegible]	[illegible]	[illegible]	41	41	43	43
State of weather. Nature of precipitation and time of beginning and ending				RE DNA						RB 9:45		
Amounts of precipitation	—	—	—	—						—	—	—
Cloudiness and other conditions						← Cloudy						
Sunrise: Time, 2:03 Character, Cloudy												
Moonrise: 2:01 P												
Sunshine (in tenths of hours)								0	0	0	0	0
Wind direction	SE	SE	E	E	E	SE	SE	SE	S	S	S	S
Wind movement	5	4	2	5	4	5	0	11	0	0	0	0
Maximum velocities (exceeding 29 miles) direction and time												

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	43	44	44	44	45	44	45	45	38	37	35	33
State of weather. Nature of precipitation and time of beginning and ending									RE 8:30			
Amounts of precipitation	—	—	—	—	—	—	—	—	—			
Cloudiness and other conditions				← Cloudy					→			
Sunset: Time, 4:16 Character, Cloudy												
Moonset: 8:40 a												
Sunshine (in tenths of hours)	0	0	0	0	0							
Wind direction	S	SE	SE	SE	S	S	S	SW	SW	SW	SW	SW
Wind movement	6	4	5	8	0	12	13	17	13	22	18	20
Maximum velocities (exceeding 29 miles) direction and time											32 SW 10:33	33 SW 10:57

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
45	33	39	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow, sleet, and hail on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., .43 ins.; to 7 p. m., .10 ins.

Total precipitation, midnight to midnight, .61 inches.

Character of day, Cloudy Moon phase, ...

Average daily cloudiness (0–10), ...

Actual sunshine, hours, 0 Possible sunshine, hours, 9.2

Per cent of possible sunshine, 0

Prevailing wind direction, SE & S. Total wind 261

Average hourly velocity, 10.5 Extreme velocity, 38

Maximum velocity, 35 Direction, SW

Time began, 11:13 a

Reduced barometer, 29.96 7 a. m. 29.41 7 p. m.

River gage, 3.5 ft

Relative humidity, 84 7 a. m. 95 7 p. m.

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

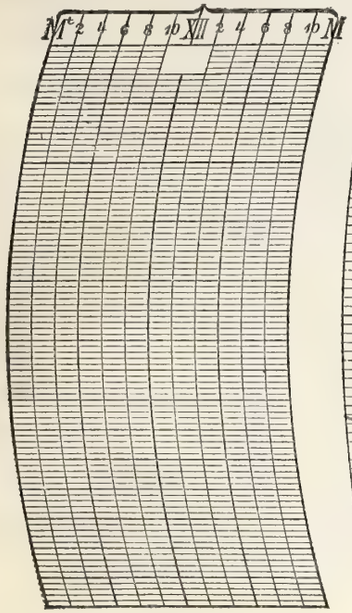
Dry temperature, 42.2 Wet temperature, 42.0

Dew-point, 43 R. humidity, 96 V. pressure, .255

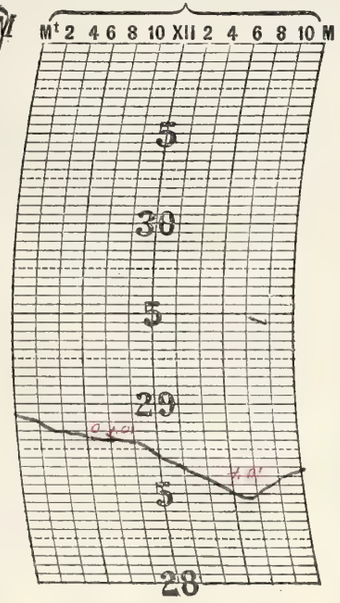
Clouds: Amount, 10; Kind, Ns; Direction, ...

Velocity of clouds (miles per hour) .....

THERMOGRAPH.



BAROGRAPH.



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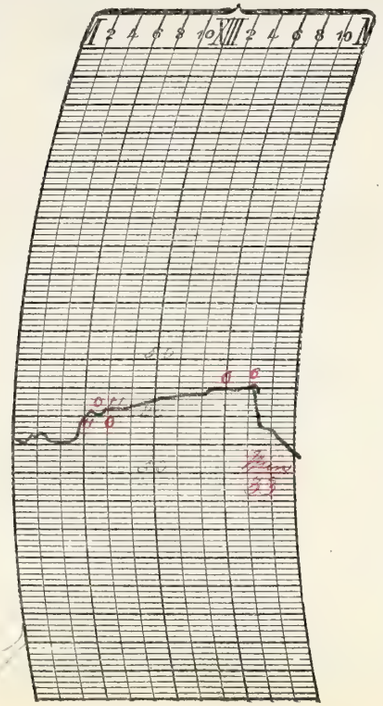


*Estimated.

NOTES.

A cloudy and rainy day with rather mild temperature. The ground and streets were wet coated and slippery during the early forenoon.

Prepared by .....

Verified by .....

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) [illegible], (Date) [illegible], 192

Time (local standard) ____ mer. normal time.

	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	30	29	27	25	24	24	24	24	24	24	24	25
State of weather: Nature of precipitation and time of beginning and ending											S 10:01	
Amounts of precipitation											—	—
Cloudiness and other conditions						←		Cloudy				
Sunrise: Time, 7:04 Character, Cloudy												
Moonrise: 9:53 P												
Sunshine (in tenths of hours)								0	0	0	0	0
Wind direction	SW	SW	SW	SW	SW	W	W	SW	SW	SW	SW	SW
Wind movement	27	48	33	28	30	25	22	21	24	44	24	23
Maximum velocities (exceeding ___ miles) direction and time	33 SW 12:04	34 SW 1:39	33 SW 2:40	36 SW 3:10	36 SW 4:04	32 SW 5:04	32 SW 6:04	31 SW 7:07				

	P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	24	25	26	26	25	25	26	24	24	23	22	22
State of weather: Nature of precipitation and time of beginning and ending				S 3:45								
Amounts of precipitation	—	—	—	—								
Cloudiness and other conditions						Cloudy						
Sunset: Time, 4:17 Character, Cloudy												
Moonset: 4:43 A												
Sunshine (in tenths of hours)	0	0	0	0	0							
Wind direction	W	SW	SW	SW	SW	SW	W	W	W	W	W	W
Wind movement	20	17	16	18	16	19			10	14	13	15
Maximum velocities (exceeding ___ miles) direction and time												

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
33	22	28	

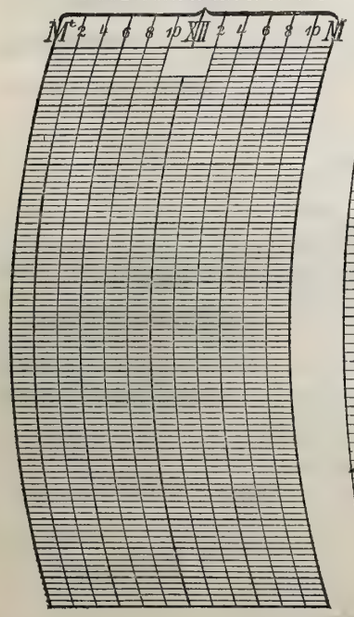
Total depth of snow for 24 hours ending 7 p. m., ____ inches.
Snow, sleet, and hail on ground 7 p. m., T inches.
Total snowfall, midnight to midnight, T inches.
Precipitation to 7 a. m., .02 ins.; to 7 p. m., T ins.
Total precipitation, midnight to midnight, T inches.
Character of day, Cloudy Moon phase, ____
Average daily cloudiness (0-10), 10
Actual sunshine, hours, 0 Possible sunshine, hours, 9.5
Per cent of possible sunshine, 0
Prevailing wind direction, SW Total wind 500
Average hourly velocity, 21 Extreme velocity, ____
Maximum velocity, 36 Direction, SW
Time began, 4:10 a.
Reduced barometer, 29.85 7 a. m. 30.16 7 p. m.
River gage, 4.0 ft.
Relative humidity, 77 7 a. m. 75 p. m.

Total duration. From—	Total duration. To—	Total amount of precipitation.	Excessive rate. Began—	Excessive rate. Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

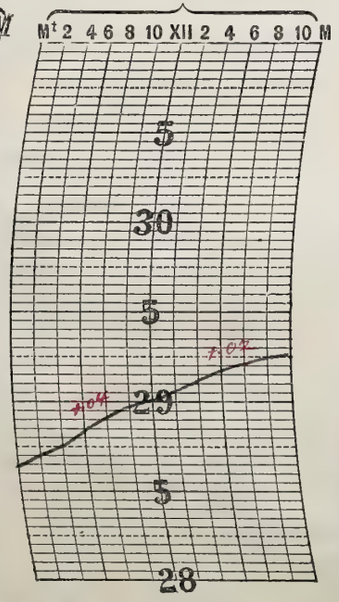
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 24.6 Wet temperature, 23.1
Dew-point, 20 R. humidity, 81 V. pressure, .103
Clouds: Amount, 10; Kind, Nb; Direction, N
Velocity of clouds (miles per hour)

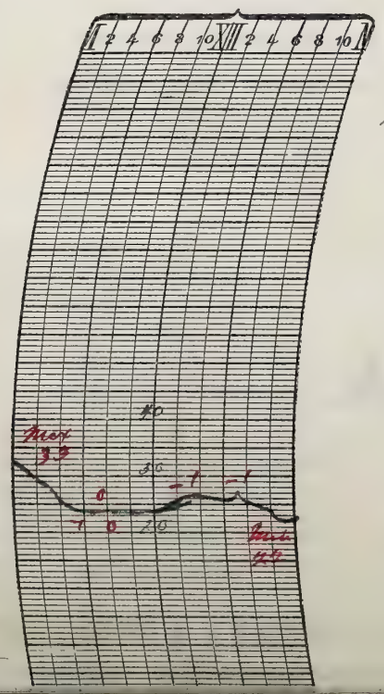
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

Floating ice in the Maumee coming from the St. Joseph River this morning. A cold and cloudy day with slight dry snow and strong westerly winds.

Prepared by [illegible]
Verified by P. McDonough

Verified by

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Friday, (Date) ....., 192

Time (local standard). 90° mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	22	21	19	18	14	14	14	13	12	14	17	17
State of weather: Nature of precipitation and time of beginning and ending					sd B DNA				sd E 8:45			
Amounts of precipitation												
Cloudiness and other conditions						← Cloudy				x pl.cldy x	Clear	
Sunrise: Time, 7:04 Character, Cloudy												
Moonrise: 8:53p												
Sunshine (in tenths of hours)								0	0.7	1.0	1.0	1.0
Wind direction	W	W	W	W	W	W	W	W	SW	SW	W	W
Wind movement	13	13	12	12	13	13	12	11	13	13	13	13
Maximum velocities (exceeding 19 miles) direction and time												

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	19	20	19	18	17	16	16	14	13	12	11	11
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions				Clear	x pl.cldy	x	Cloudy					
Sunset: Time, 4:18 Character, Cloudy												
Moonset: 2:14a												
Sunshine (in tenths of hours)	1.0	1.0	0.7									
Wind direction	W	W	W	W	W	W	W	W	W	W	W	W
Wind movement	14	14	14	12	14	12	12	12	12	12	12	12
Maximum velocities (exceeding 19 miles) direction and time												

Total duration. From—	Total duration. To—	Total amount of precipitation.	Excessive rate. Began—	Excessive rate. Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

Excessive precipitation, accumulated amounts

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
22	11	16	

Total depth of snow for 24 hours ending 7 p. m., T inches.

Snow, sleet, and hail on ground 7 p. m., T inches.

Total snowfall, midnight to midnight, T inches.

Precipitation to 7 a. m., T ins.; to 7 p. m., T ins.

Total precipitation, midnight to midnight, T inches.

Character of day, Clear Moon phase, ...

Average daily cloudiness (0-10), ...

Actual sunshine, hours, 6.6 Possible sunshine, hours, 9.2

Per cent of possible sunshine, 72

Prevailing wind direction, W Total wind .....

Average hourly velocity, 8 Extreme velocity, 26

Maximum velocity, 22 Direction, SW

Time began, 1:00

Reduced barometer, 30.29 7 a. m. 30.24 7 p. m.

River gage, 5.4 7 a. m.

Relative humidity, 78 7 a. m. 45 7 p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

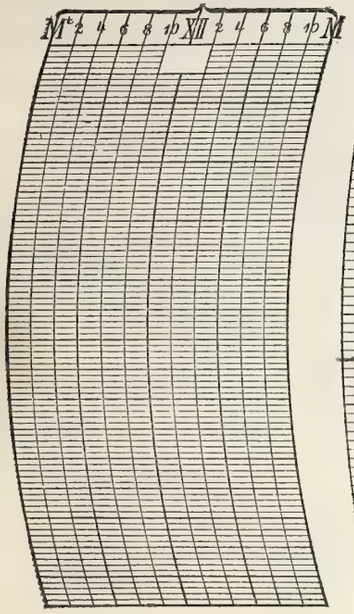
Dry temperature, 15.9 Wet temperature, 16.3

Dew-point, 7 R. humidity, 60 V. pressure, .260

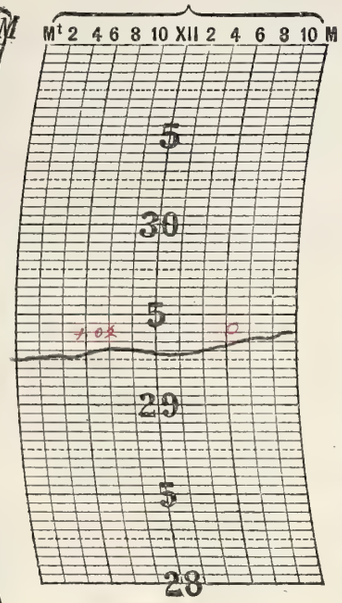
Clouds: Amount, 3; Kind, Cu; Direction, NW

Velocity of clouds (miles per hour) .....

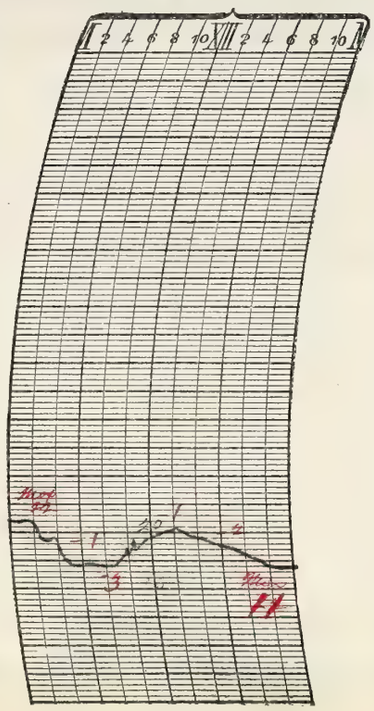
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

A clear, cold and unsettling day.

Prepared by .....

Verified by .....

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(*Station*) [illegible], (*Day of week*) [illegible], (*Date*) [illegible], 192

Time (local standard). ____ mer. normal time.	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	11	10	12	12	16	[illegible]	12	13	13	17	18	19
State of weather. Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions						+ Clear		x Pt Cldy		x Cloudy		
Sunrise: Time, Character,	7:05 Cloudy											
Moonrise:	6:[illegible]											
Sunshine (in tenths of hours)								0	0.2	0.3	0	0.5
Wind direction	W	W	W	W	SW	W	W	W	W	SW	S	SE
Wind movement	9	8	6	7	7	6	4	3	5	5	4	5
Maximum velocities (exceeding 22 miles) direction and time												

P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
20	20	20	20	21	21	22	23	24	24	25	[illegible]
			Cloudy								
								Sunset: Time, Character,	4:18 Cloudy		
								Moonset:	6:[illegible]		
1.0	0.5	0	0	0							
SE	SE	SE	SE	SE	SE	SE	SE	SE	SE	SE	SE
7	7	8	8	8	6	6	7	7	6	8	9

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
25	10	18	

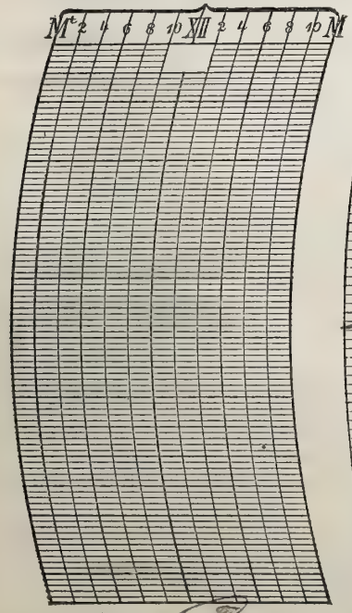
Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., T inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Cloudy Moon phase, Full-[illegible]
Average daily cloudiness (0-10), 8
Actual sunshine, hours, 0.5 Possible sunshine, hours, 9.2
Per cent of possible sunshine, 30
Prevailing wind direction, SE Total wind [illegible]
Average hourly velocity, 6.5 Extreme velocity, 12
Maximum velocity, 12 Direction, S
Time began, [illegible]
Reduced barometer, 30.42 a. m. 30.28 p. m.
River gage, [illegible]
Relative humidity, [illegible] a. m. [illegible] p. m.

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

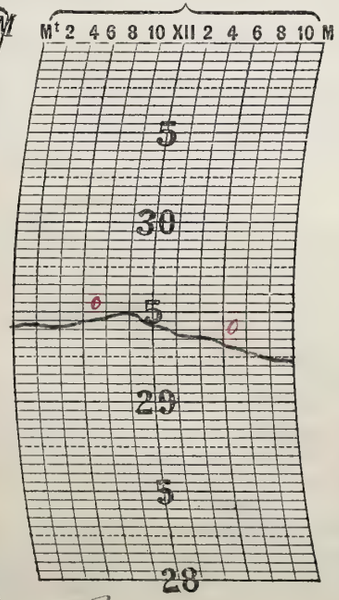
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 18.1 Wet temperature, 15.9
Dew-point, 6 R. humidity, 56 V. pressure, .058
Clouds: Amount, 8; Kind, [illegible]; Direction, ____
Velocity of clouds (miles per hour) ____

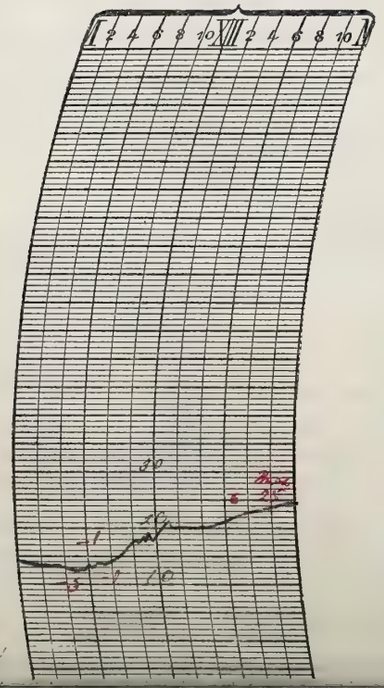
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

A cloudy and cold day though there was a small amount of sunshine through broken clouds

Prepared by [illegible]

Verified by [illegible]

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Sunday, (Date) DEC 28 1930, 192

Time (local standard). 90th mer. normal time.

	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	25	24	24	24	25	25	25	27	28	29	30	30
State of weather: Nature of precipitation and time of beginning and ending			S9B 2100									
Amounts of precipitation			—	—	—	—	—	—	—	—	—	—
Cloudiness and other conditions						←			Cloudy			
Sunrise: Time, Character,	7:35 Cloudy											
Moonrise:	6:30											
Sunshine (in tenths of hours)								0	0	0	0	0
Wind direction	S	SE	SE	SE	SE	S	S	S	S	S	S	S
Wind movement	5	7	8	9	9	10	8	7	9	9	8	5
Maximum velocities (exceeding ___ miles) direction and time												

	P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	32	32	32	32	32	32	32	32	31	31	31	31
State of weather: Nature of precipitation and time of beginning and ending		S9E 1130 S7B 1130										S7E DNP
Amounts of precipitation	—	—	—	—	—	—	—	—	—	—	—	—
Cloudiness and other conditions							Cloudy					→
Sunset: Time, Character,									4:42 Cloudy			
Moonset:									4:00			
Sunshine (in tenths of hours)	0	0	0	0	0							
Wind direction	SE	SE	SE	SE	SE	SE	SE	E	E	E	E	
Wind movement	5	6	6	4	4	4	3	2	3	3	2	2
Maximum velocities (exceeding ___ miles) direction and time												

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
32	24	28	

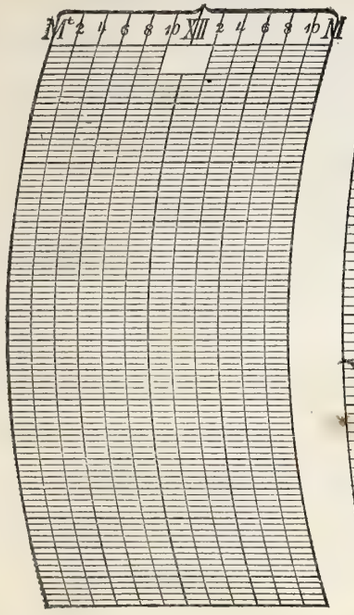
Total depth of snow for 24 hours ending 7 p. m., ___ inches.
Snow, sleet, and hail on ground 7 p. m., ___ inches.
Total snowfall, midnight to midnight, 3.2 inches.
Precipitation to 7 a. m., 0.2 ins.; to 7 p. m., 0.1 ins.
Total precipitation, midnight to midnight, 0.32 inches.
Character of day, Cloudy Moon phase, ___
Average daily cloudiness (0–10), 10
Actual sunshine, hours, 0 Possible sunshine, hours, 0.0
Per cent of possible sunshine, 0
Prevailing wind direction, ___ Total wind ___
Average hourly velocity, 5 Extreme velocity, ___
Maximum velocity, 12 Direction, SE
Time began, 4:15 ___
Reduced barometer, 29.06 7 a. m. 29.[illegible] 7 p. m.
River gage, 5.9 Feet
Relative humidity, 7 a. m. ___ p. m.

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

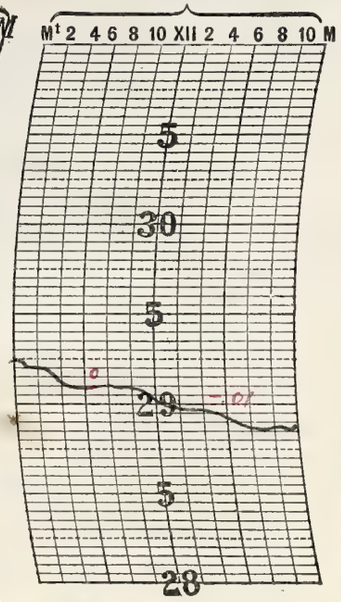
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 30.0 Wet temperature, 29.0
Dew-point, 28 R. humidity, 88 V. pressure, [illegible]
Clouds: Amount, 10; Kind, Nim; Direction, ___
Velocity of clouds (miles per hour) ___

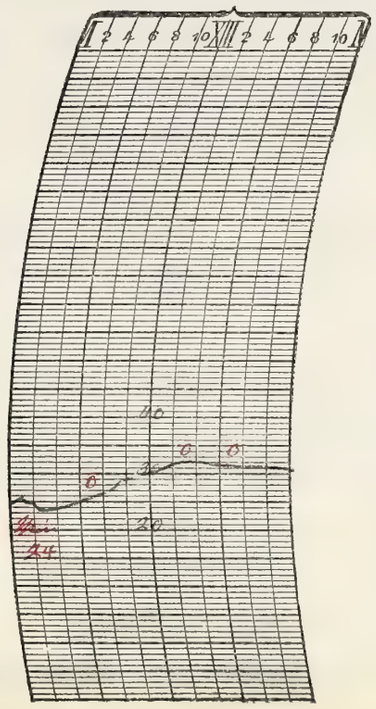
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

A cloudy day with light snow part of the time day fair during the early afternoon became moist. Relative temperatures.

Prepared by ___
Verified by P. M. Donovan

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(*Station*) [illegible], (*Day of week*) [illegible], (*Date*) [illegible], 192

Time (local standard). 90 mer. normal time.

	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	30	30	29	29	29	29	30	30	27	25	22	21
State of weather. Nature of precipitation and time of beginning and ending								RB				
Amounts of precipitation												
Cloudiness and other conditions						←		Cloudy				
Sunshine (in tenths of hours)								0	0	0	0	0
Wind direction	NW	W	NW	NW	NW	NW	NW	NW	W	W	W	W
Wind movement	3	4	6	7	9	6	5	8	11	11	12	12
Maximum velocities (exceeding 2 miles) direction and time												

Sunrise: Time, 7:45; Character, Clear. Moonrise: [illegible]

	P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	21	20	19	17	16	15	14	10	6	5	4	3
State of weather. Nature of precipitation and time of beginning and ending						SN						
Amounts of precipitation												
Cloudiness and other conditions					←		Cloudy					→
Sunshine (in tenths of hours)	0	0	0	0	0							
Wind direction	SW	W	W	W	W	W	W	W	W	W	W	SW
Wind movement	12	14	14	13	10	14	14	14	12	13	12	15
Maximum velocities (exceeding 2 miles) direction and time												

Sunset: Time, 4:17; Character, Clear. Moonset: [illegible]

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
31	3	[illegible]	[illegible]

Total depth of snow for 24 hours ending 7 p. m., [illegible] inches.
Snow, sleet, and hail on ground ..... p. m., ... inches.
Total snowfall, midnight to midnight, ... inches.
Precipitation to 7 a. m., [illegible] ins.; to [illegible] p. m., ... ins.
Total precipitation, midnight to midnight, ... inches.
Character of day, Clear. Moon phase, ...
Average daily cloudiness (0–10), 10
Actual sunshine, hours, 0 Possible sunshine, hours, 9.2
Per cent of possible sunshine, 0
Prevailing wind direction, NW Total wind [illegible]
Average hourly velocity, 10.4 Extreme velocity, 18
Maximum velocity, 17 Direction, [illegible]
Time began, 6:[illegible]
Reduced barometer, 29.87 7 a. m. 30.11, p. m.
River gage, 5.2
Relative humidity, ... a. m. ..... p. m.

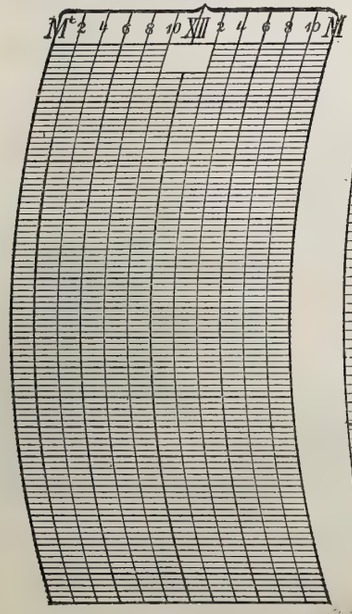
Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

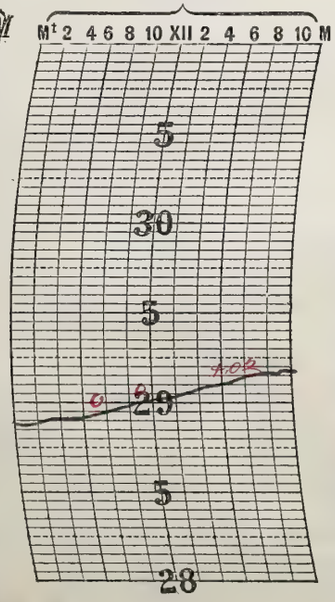
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, [illegible] Wet temperature, ...
Dew-point, [illegible] R. humidity, [illegible] V. pressure, ...
Clouds: Amount, ...; Kind, ...; Direction, ...
Velocity of clouds (miles per hour) .....

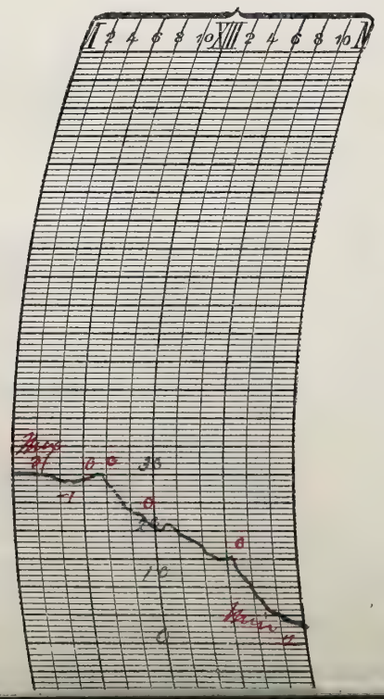
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

Cold wave warning received embodied in regular am. forecast at 11 a.m.

Special 12 noon (95th Meridian Time) observation called for by the Cincinnati

Prepared by [illegible]

Verified by [illegible]

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(*Station*) Fort Wayne, Ind., (*Day of week*) ....., (*Date*) ....., 192

Time (local standard). ....mer. normal time.	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	1	0	-2	-3	-3	-6	-6	-7	-5	-3	1	4
State of weather. Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions						+ Cloudy				Clear		
Sunrise: Time, 7:06 Character, Cloudy												
Moonrise: 9:35 P.												
Sunshine (in tenths of hours)								0	0.9 0.1	1.0	1.0	1.0
Wind direction	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW
Wind movement	11	12	12	14	11	[illegible]	[illegible]	9	11	12	12	14
Maximum velocities (exceeding ....miles) direction and time												

Time (local standard). ....mer. normal time.	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	6	7	7	7	7	7	7	8	9	10	13	14
State of weather. Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions		Clear					+ Pt. Clds		Cloudy			
Sunset: Time, [illegible] Character, Cloudy												
Moonset: [illegible]												
Sunshine (in tenths of hours)	1.0	1.0	1.0	0.1	0							
Wind direction	SW	SW	SW	SW	SW	SW	SW	SW	S	SW	SW	[illegible]
Wind movement	15	13	11	10	8	10	[illegible]	5	11	12	[illegible]	[illegible]
Maximum velocities (exceeding ....miles) direction and time												

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
14	-8	3	

Total depth of snow for 24 hours ending 2 p. m., T inches.

Snow, sleet, and hail on ground 7 p. m., 3.5 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., T ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Clear Moon phase, ...

Average daily cloudiness (0-10), 2

Actual sunshine, hours, 7.1 Possible sunshine, hours, 9.0

Per cent of possible sunshine, 79

Prevailing wind direction, SW Total wind 2

Average hourly velocity, 11.5 Extreme velocity, 17

Maximum velocity, 16 Direction, SW

Time began, 11:45 .....

Reduced barometer, [illegible] a. m. [illegible], p. m.

River gage, 5.0 ft.

Relative humidity, [illegible] a. m. [illegible] p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

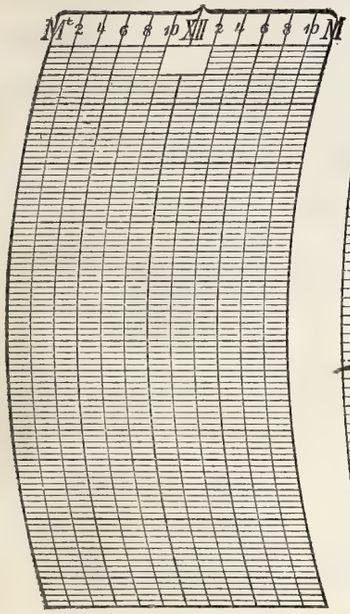
Dry temperature, 22 Wet temperature, [illegible]

Dew-point, [illegible] R. humidity, [illegible] V. pressure, ...

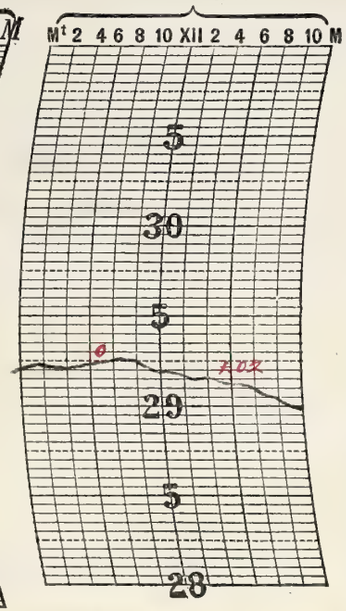
Clouds: Amount, 0; Kind, ...; Direction, ...

Velocity of clouds (miles per hour) .....

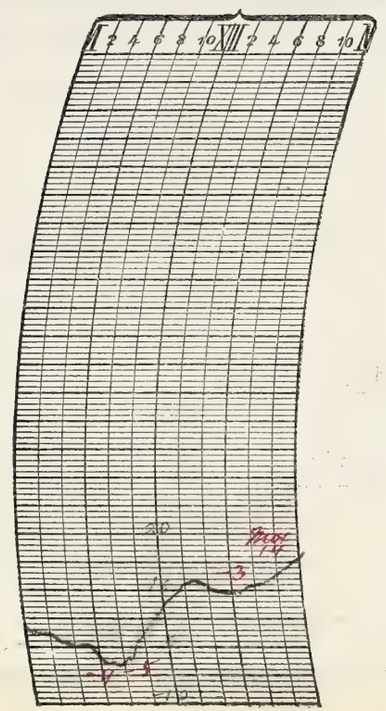
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

The maximum temperature of 8 degrees below zero today was the lowest temperature recorded at this station since February [illegible]. A clear and bitterly cold day with strong westerly winds. The Cold wave warning of the 27th was fully verified.

Prepared by [illegible]

Verified by P. M. Donovan

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) ....., *(Day of week)* ....., *(Date)* ....., *192*

Time (local standard). 90 mer. normal time.

	A. M.												P. M.											
	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	16	17	17	18	18	19	20	21	21	23	29	31	32	33	32	32	31	29	29	29	29	29	30	30
State of weather. Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions						←		Clear						× Pt. Cloudy	×	Cloudy	×		Pt. Cloudy			→		
Sunshine (in tenths of hours)								.90 0	0.2 0.8	1.0	1.0	1.0	1.0	1.0	1.0	0.1	0							
Wind direction	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW
Wind movement	16	15	17	17	18	18	18	19	16	19	22	21	16	15	12	12	12	12	10	2	11	13	13	13
Maximum velocities (exceeding 29 miles) direction and time																								

Sunrise: Time, 7:06 Character, Clear
Moonrise: 9:47a

Sunset: Time, 4:21 Character, Cloudy
Moonset: 2:51a

Total duration. From—	Total duration. To—	Total amount of precipitation.	Excessive rate. Began—	Excessive rate. Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

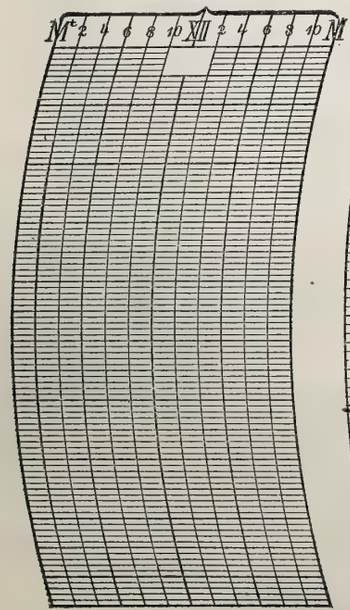
Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
34	14	24	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 3.0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, ... inches.
Character of day, Pt. Cloudy Moon phase, ...
Average daily cloudiness (0-10), 4
Actual sunshine, hours, 8.0 Possible sunshine, hours, 9.2
Per cent of possible sunshine, 87
Prevailing wind direction, SW Total wind 365
Average hourly velocity, 15.3 Extreme velocity, 28
Maximum velocity, 27 Direction, SW
Time began, 10:40a
Reduced barometer, 28.16 a. m. ....., p. m.
River gage, 3.5 feet
Relative humidity, 67 a. m. 78 p. m.

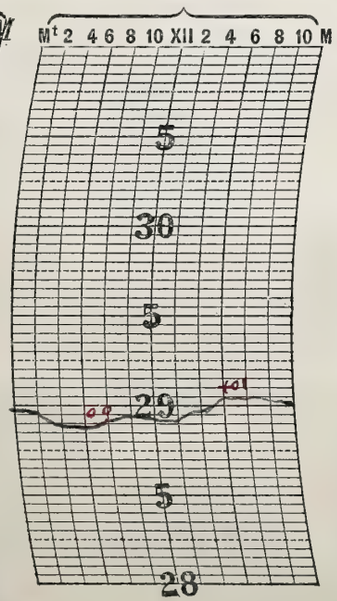
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 30.0 Wet temperature, 27.8
Dew-point, 24 R. humidity, 76 V. pressure, 1.24
Clouds: Amount, 3; Kind, ASt; Direction, W
Velocity of clouds (miles per hour) .....

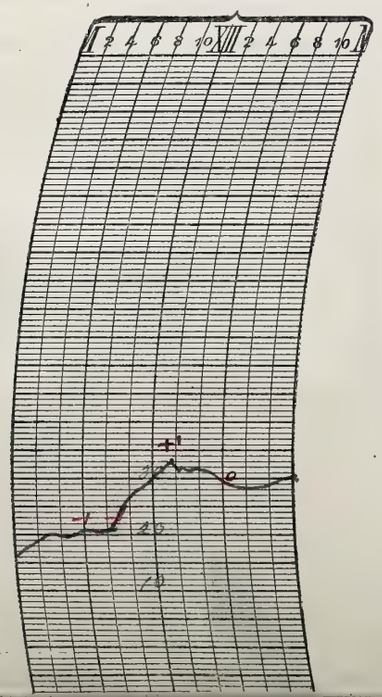
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

A frosty cloudy day and through cold in the early morning the temperature moderated and the day pleasant.

Prepared by .....

Verified by .....

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(*Station*) Fort Wayne, Ind., (*Day of week*) Thursday, (*Date*) [illegible], 192

Time (local standard). 90th mer. normal time.

	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	31	32	32	33	33	34	[illegible]	32	33	35	38	41
State of weather. Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions						← Cloudy	×	Pt. Cloudy	×	Clear	×	
Sunrise: Time, 7:06 Character, Cloudy												
Moonrise: 10:55 pm												
Sunshine (in tenths of hours)								0	1.0	1.0	1.0	1.5
Wind direction	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW
Wind movement	9	10	10	10	10	9	9	14	15	15	15	15
Maximum velocities (exceeding 20 miles) direction and time												

	P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	42	43	42	41	39	37	36	35	34	31	31	32
State of weather. Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions					Pt. Cloudy	×	—	Clear				→
Sunset: Time, 4:22 Character, Clear												
Moonset: 10:00												
Sunshine (in tenths of hours)	1.0	1.0	1.0	0.2	.37	2						
Wind direction	SW	SW	SW	SW	SW	SW	SW	SW	W	W	NW	[illegible]
Wind movement	15	16	13	[illegible]	8	8	[illegible]	[illegible]	7	5	6	4
Maximum velocities (exceeding 20 miles) direction and time												

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
43	30	36	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 2.0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Pt. Cloudy Moon phase,
Average daily cloudiness (0-10), 4
Actual sunshine, hours, 8.3 Possible sunshine, hours, 9.3
Per cent of possible sunshine, 89
Prevailing wind direction, SW Total wind [illegible]
Average hourly velocity, 10.5 Extreme velocity, 20
Maximum velocity, 19 Direction, SW
Time began, 10:55 am
Reduced barometer, 29.91 7 a. m. 29.97 7 p. m.
River gage, [illegible]
Relative humidity, [illegible] a. m. 78 p. m.

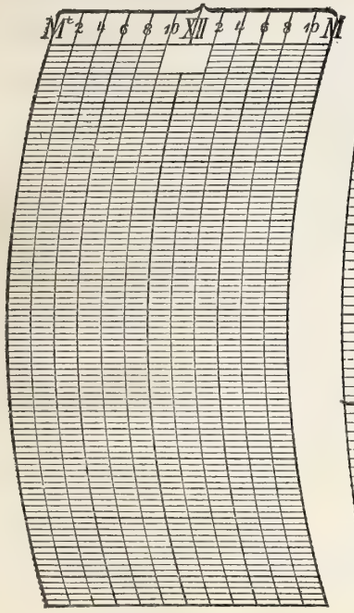
Excessive precipitation, accumulated amounts	Total duration. From—	Total duration. To—	Total amount of precipitation.	Excessive rate. Began—	Excessive rate. Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

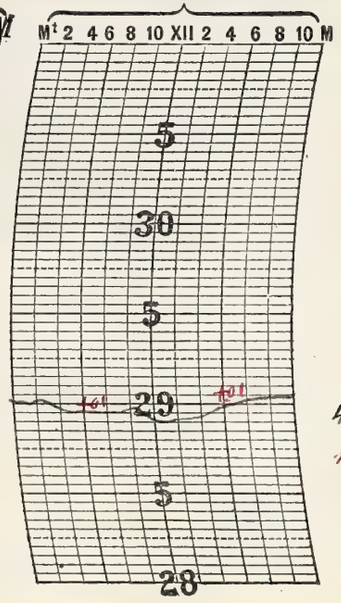
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 40.2 Wet temperature, 36.0
Dew-point, 30 R. humidity, 67 V. pressure, [illegible]
Clouds: Amount, 4; Kind, A.St.; Direction,
Velocity of clouds (miles per hour)

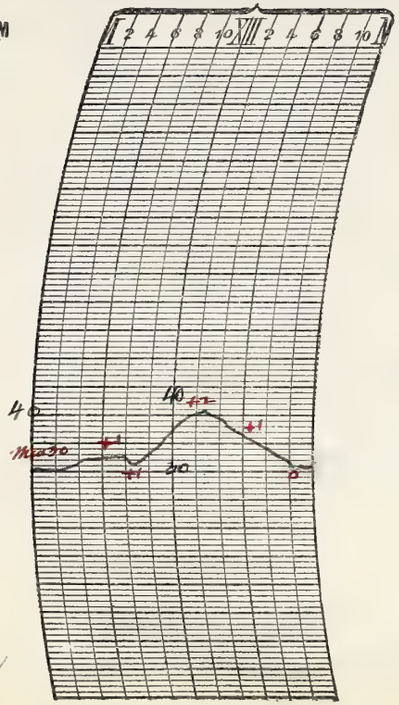
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

A pleasantly cloudy day with moderate temperatures making it especially delightful and pleasant outdoors. The sun's rays were decreased considerably under the warm temperature during the day.

Prepared by [illegible]
Verified by P. McDonough

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Friday, (Date) DEC 31 1915, 192

Time (local standard). 90th mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	32	32	32	33	33	32	33	32	32	32	32	34	36	36	36	38	38	39	40	40	41	41	42	43
State of weather: Nature of precipitation and time of beginning and ending																						RD 930p	RE DU	
Amounts of precipitation																						T	T	
Cloudiness and other conditions	← Clear →					←		Cloudy				→	←			Cloudy					→			
Sunshine (in tenths of hours)								0	0	0	0	0	0	0	0	0	0							
Wind direction	NW	N	N	N	N	E	SE	SE	SE	SE	SE	S	S	SE	SE	SE	SE	SE	S	S	S	S	S	S
Wind movement	4	2	2	2	3	3	4	6	7	7	5	7	6	6	4	6	7	9	9	11	13	11	12	13

Sunrise: Time, 7:06 Character, Cloudy
Moonrise: 11:59p
Sunset: Time, 4:22 Character, Cloudy
Moonset: 10:58a

Maximum velocities (exceeding 29 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

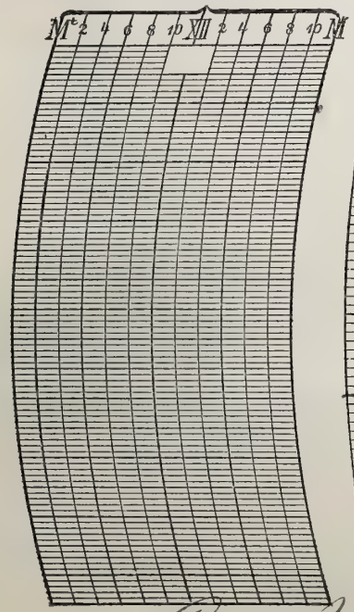
Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
43	32	38	

Total depth of snow for 24 hours ending 7 p. m., — inches.
Snow, sleet, and hail on ground 7 p. m., — inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, — inches.
Character of day, Cloudy Moon phase, L.Q. 10:35 pm.
Average daily cloudiness (0-10), 10
Actual sunshine, hours, 0 Possible sunshine, hours, 8.3
Per cent of possible sunshine, 0
Prevailing wind direction, SE Total wind 161
Average hourly velocity, 6.7 Extreme velocity, 16
Maximum velocity, 15 Direction, S
Time began, 11:50 pm
Reduced barometer, 30.05 7 a. m. 29.95 7 p. m.
River gage, 3.8 Feet
Relative humidity, 82 7 a. m. 88 7 p. m.

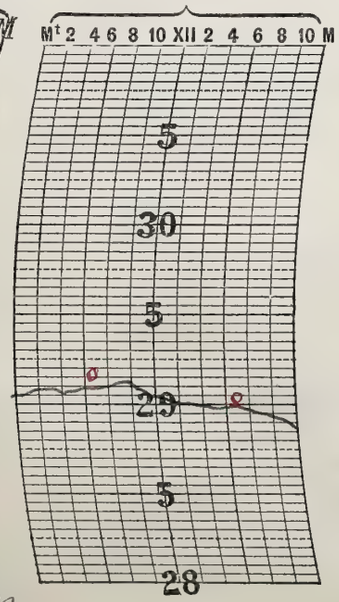
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 35.3 Wet temperature, 33.8
Dew-point, 31 R. humidity, 86 V. pressure, 10.2
Clouds: Amount, 10; Kind, St; Direction, SE
Velocity of clouds (miles per hour)

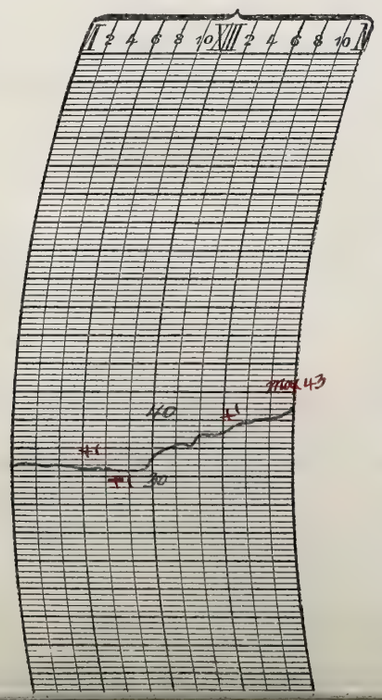
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

Freezing in the early am with resulting icy sidewalks and streets, mild temperature with slushy streets due to melting snow in the late forenoon, afternoon and night with light rain beginning at 930 pm and ending during the late pm

Prepared by C. O. D.
Verified by P. McDonough

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) _____, *(Day of week)* _____, *(Date)* _____, *192*

Time (local standard). ____ mer. normal time.	A. M.												P. M.											
	12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour																								
State of weather. Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions																								
	Sunrise: Time, ____ Character, ____ Moonrise: ____ ____																				Sunset: Time, ____ Character, ____ Moonset: ____ ____			
Sunshine (in tenths of hours)																								
Wind direction																								
Wind movement																								
Maximum velocities (exceeding ____ miles) direction and time																								

Total duration. From—	Total duration. To—	Total amount of precipitation.	Excessive rate. Began—	Excessive rate. Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.

Total depth of snow for 24 hours ending ____ p. m., ____ inches.

Snow, sleet, and hail on ground ____ p. m., ____ inches.

Total snowfall, midnight to midnight, ____ inches.

Precipitation to ____ a. m., ____ ins.; to ____ p. m., ____ ins.

Total precipitation, midnight to midnight, ____ inches.

Character of day, ____ Moon phase, ____

Average daily cloudiness (0–10), ____

Actual sunshine, hours, ____ Possible sunshine, hours, ____

Per cent of possible sunshine, ____

Prevailing wind direction, ____ Total wind ____

Average hourly velocity, ____ Extreme velocity, ____

Maximum velocity, ____ Direction, ____

Time began, ____ ____

Reduced barometer, ____ a. m. ____, p. m.

River gage, ____

Relative humidity, ____ a. m. ____ p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

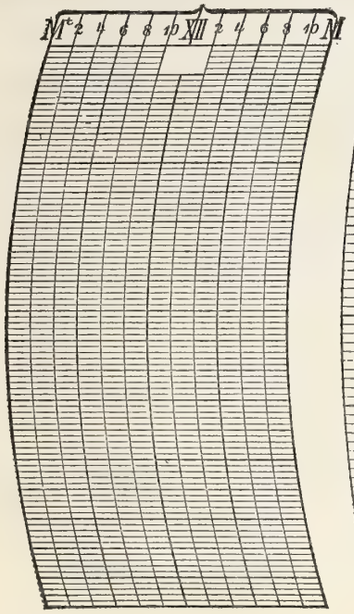
Dry temperature, ____ Wet temperature, ____

Dew-point, ____ R. humidity, ____ V. pressure, ____

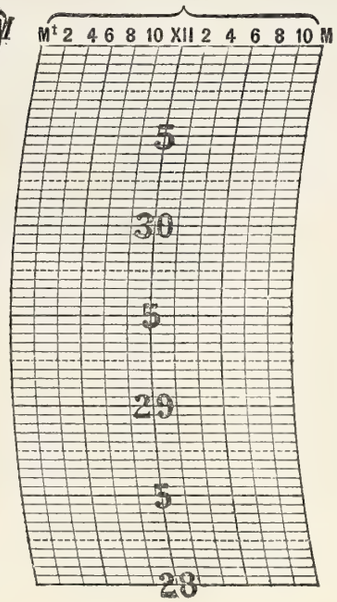
Clouds: Amount, ____; Kind, ____; Direction, ____

Velocity of clouds (miles per hour) ____

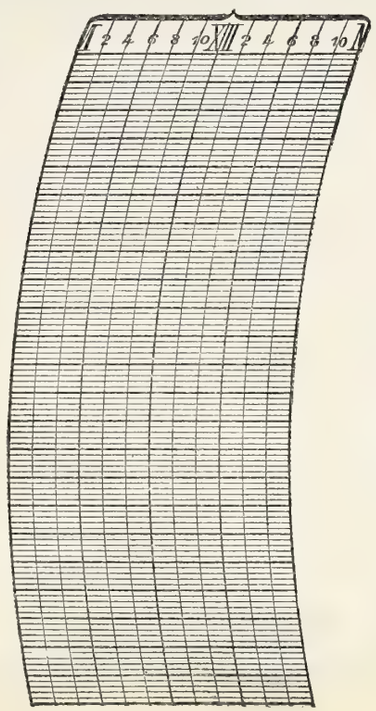
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

Prepared by _____

Verified by _____

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) _____, *(Day of week)* _____, *(Date)* _____, *192*

Time (local standard). ____ mer. normal time.	A. M.												P. M.											
	12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour																								
State of weather. Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions																								
	Sunrise: Time, ____ Character, ____ Moonrise: ____																				Sunset: Time, ____ Character, ____ Moonset: ____			
Sunshine (in tenths of hours)																								
Wind direction																								
Wind movement																								
Maximum velocities (exceeding ____ miles) direction and time																								

Total duration. From—	Total duration. To—	Total amount of precipitation.	Excessive rate. Began—	Excessive rate. Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.

Total depth of snow for 24 hours ending ____ p. m., ____ inches.

Snow, sleet, and hail on ground ____ p. m., ____ inches.

Total snowfall, midnight to midnight, ____ inches.

Precipitation to ____ a. m., ____ ins.; to ____ p. m., ____ ins.

Total precipitation, midnight to midnight, ____ inches.

Character of day, ____ Moon phase, ____

Average daily cloudiness (0–10), ____

Actual sunshine, hours, ____ Possible sunshine, hours, ____

Per cent of possible sunshine, ____

Prevailing wind direction, ____ Total wind ____

Average hourly velocity, ____ Extreme velocity, ____

Maximum velocity, ____ Direction, ____

Time began, ____ ____

Reduced barometer, ____ a. m. ____, p. m.

River gage, ____

Relative humidity, ____ a. m. ____ p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

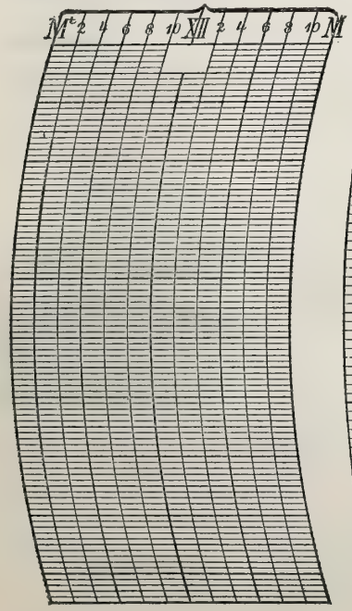
Dry temperature, ____ Wet temperature, ____

Dew-point, ____ R. humidity, ____ V. pressure, ____

Clouds: Amount, ____; Kind, ____; Direction, ____

Velocity of clouds (miles per hour) ____

THERMOGRAPH.



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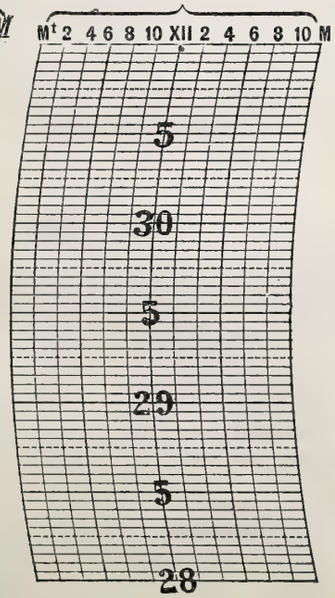
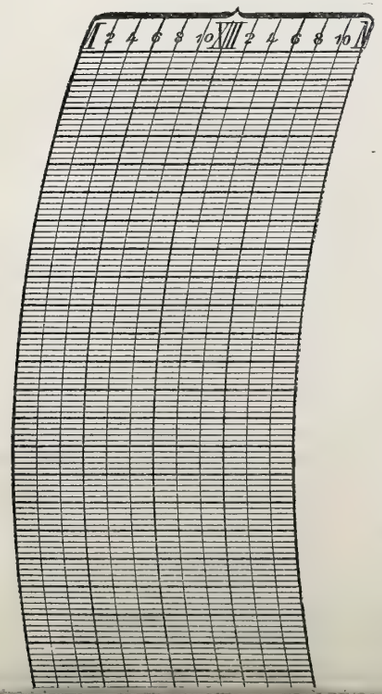


THERMOGRAPH.



NOTES.

Prepared by _____

Verified by _____

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) ....., *(Day of week)* ....., *(Date)* ....., *192*

Time (local standard). ..... mer. normal time.	A. M.												P. M.											
	12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour																								
State of weather. Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions																								
	Sunrise: Time, ... Character, ... Moonrise:																				Sunset: Time, ... Character, ... Moonset:			
Sunshine (in tenths of hours)																								
Wind direction																								
Wind movement																								
Maximum velocities (exceeding ..... miles) direction and time																								

Excessive precipitation, accumulated amounts	Total duration. From—	Total duration. To—	Total amount of precipitation.	Excessive rate. Began—	Excessive rate. Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.

Total depth of snow for 24 hours ending ..... p. m., ... inches.

Snow, sleet, and hail on ground ..... p. m., ... inches.

Total snowfall, midnight to midnight, ... inches.

Precipitation to ..... a. m., ... ins.; to ..... p. m., ... ins.

Total precipitation, midnight to midnight, ... inches.

Character of day, ... Moon phase, ...

Average daily cloudiness (0–10), ...

Actual sunshine, hours, ... Possible sunshine, hours, ...

Per cent of possible sunshine, ...

Prevailing wind direction, ... Total wind .....

Average hourly velocity, ... Extreme velocity, ...

Maximum velocity, ... Direction, ...

Time began, ...

Reduced barometer, ... a. m. ....., p. m.

River gage, ...

Relative humidity, ... a. m. ..... p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

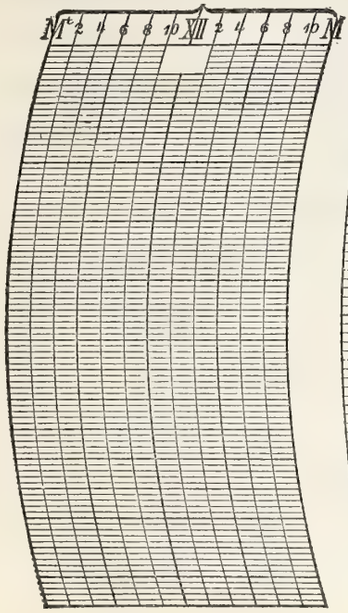
Dry temperature, ... Wet temperature, ...

Dew-point, ... R. humidity, ... V. pressure, ...

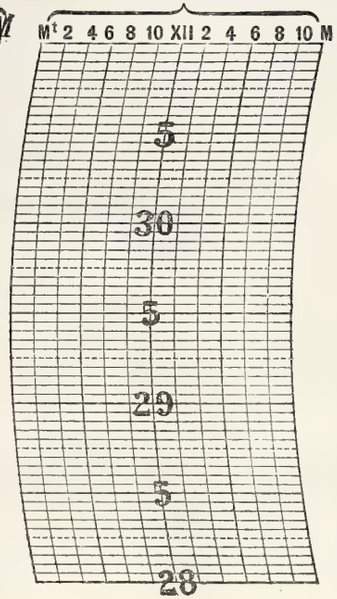
Clouds: Amount, ...; Kind, ...; Direction, ...

Velocity of clouds (miles per hour) .....

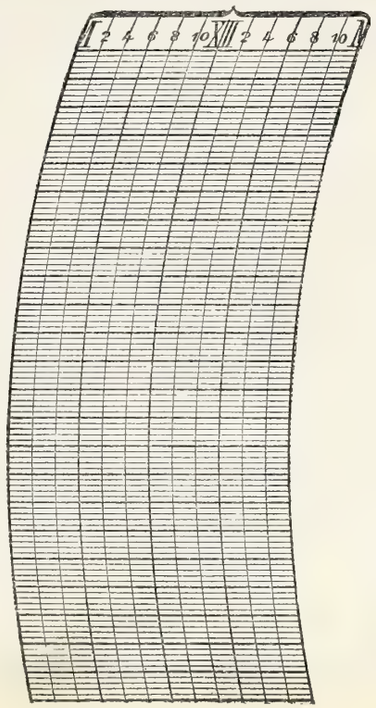
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

Prepared by .....

Verified by .....

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) _____, *(Day of week)* _____, *(Date)* _____, *192*

Time (local standard). ____ mer. normal time.	A. M.												P. M.											
	12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour																								
State of weather. Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions																								
	Sunrise: Time, Character, ____ ____ Moonrise: ____ ____																				Sunset: Time, Character, ____ ____ Moonset: ____ ____			
Sunshine (in tenths of hours)																								
Wind direction																								
Wind movement																								
Maximum velocities (exceeding ____ miles) direction and time																								

Total duration. From—	Total duration. To—	Total amount of precipitation.	Excessive rate. Began—	Excessive rate. Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.

Total depth of snow for 24 hours ending ____ p. m., ____ inches.

Snow, sleet, and hail on ground ____ p. m., ____ inches.

Total snowfall, midnight to midnight, ____ inches.

Precipitation to ____ a. m., ____ ins.; to ____ p. m., ____ ins.

Total precipitation, midnight to midnight, ____ inches.

Character of day, ____ Moon phase, ____

Average daily cloudiness (0–10), ____

Actual sunshine, hours, ____ Possible sunshine, hours, ____

Per cent of possible sunshine, ____

Prevailing wind direction, ____ Total wind ____

Average hourly velocity, ____ Extreme velocity, ____

Maximum velocity, ____ Direction, ____

Time began, ____ ____

Reduced barometer, ____ a. m. ____, p. m.

River gage, ____

Relative humidity, ____ a. m. ____ p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

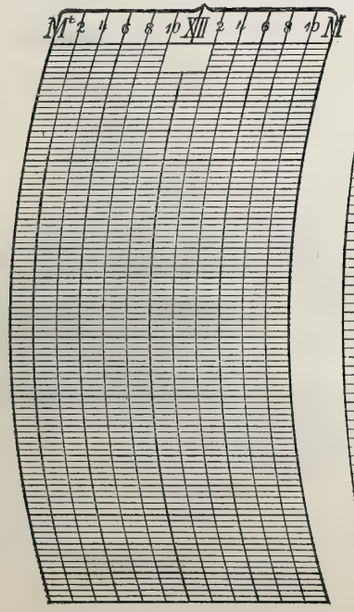
Dry temperature, ____ Wet temperature, ____

Dew-point, ____ R. humidity, ____ V. pressure, ____

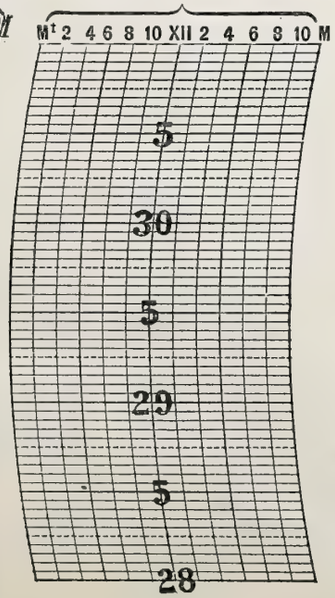
Clouds: Amount, ____; Kind, ____; Direction, ____

Velocity of clouds (miles per hour) ____

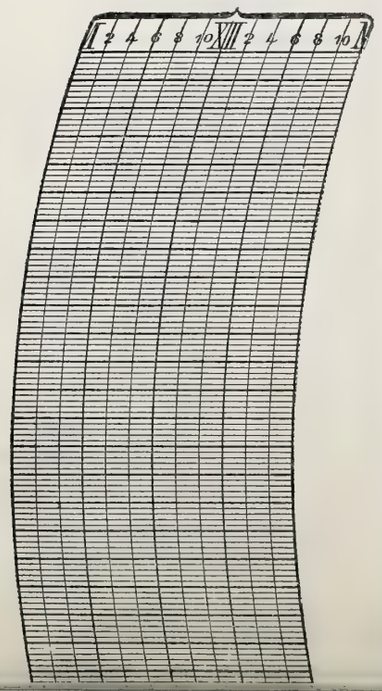
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

Prepared by _____

Verified by _____

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) ....., *(Day of week)* ....., *(Date)* ....., *192*

Time (local standard). ..... mer. normal time.	A. M.												P. M.											
	12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour																								
State of weather. Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions																								
	Sunrise: Time, ... Character, ... Moonrise:																				Sunset: Time, ... Character, ... Moonset:			
Sunshine (in tenths of hours)																								
Wind direction																								
Wind movement																								
Maximum velocities (exceeding ..... miles) direction and time																								

	Total duration.		Total amount of precipitation.	Excessive rate.		Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below.													
	From—	To—		Began—	Ended—		5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																				

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.

Total depth of snow for 24 hours ending ..... p. m., ... inches.

Snow, sleet, and hail on ground ..... p. m., ... inches.

Total snowfall, midnight to midnight, ... inches.

Precipitation to ..... a. m., ... ins.; to ..... p. m., ... ins.

Total precipitation, midnight to midnight, ... inches.

Character of day, ... Moon phase, ...

Average daily cloudiness (0–10), ...

Actual sunshine, hours, ... Possible sunshine, hours, ...

Per cent of possible sunshine, ...

Prevailing wind direction, ... Total wind .....

Average hourly velocity, ... Extreme velocity, ...

Maximum velocity, ... Direction, ...

Time began, ...

Reduced barometer, ... a. m. ....., p. m.

River gage, ...

Relative humidity, ... a. m. ..... p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

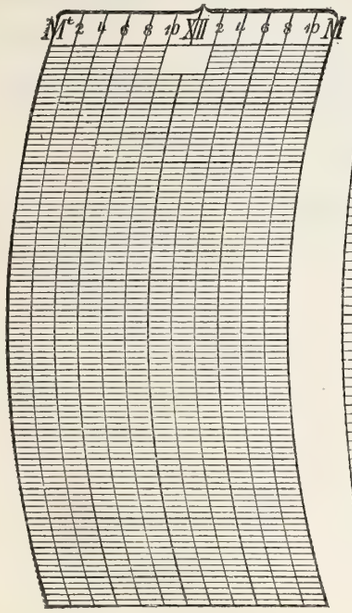
Dry temperature, ... Wet temperature, ...

Dew-point, ... R. humidity, ... V. pressure, ...

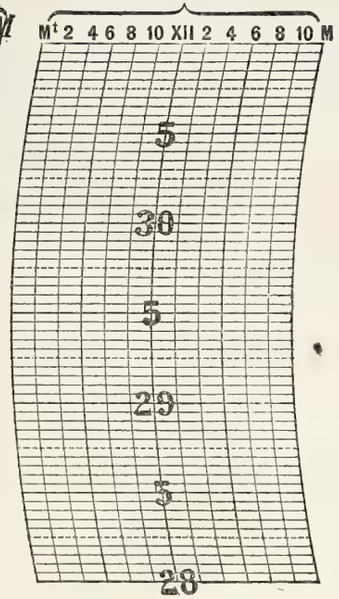
Clouds: Amount, ...; Kind, ...; Direction, ...

Velocity of clouds (miles per hour) .....

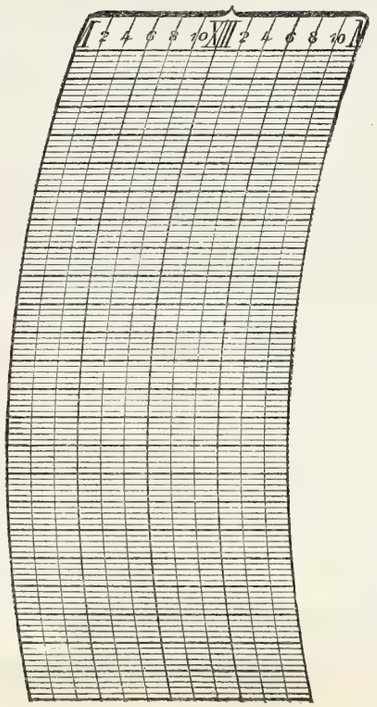
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

Prepared by .....

Verified by .....

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Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) ....., *(Day of week)* ....., *(Date)* ....., *192*

Time (local standard). ..... mer. normal time.	A. M.												P. M.											
	12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour																								
State of weather. Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions																								
	Sunrise: Time, Character, Moonrise:																				Sunset: Time, Character, Moonset:			
Sunshine (in tenths of hours)																								
Wind direction																								
Wind movement																								
Maximum velocities (exceeding ..... miles) direction and time																								

Total duration.		Total amount of precipitation.	Excessive rate.		Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below.												
From—	To—		Began—	Ended—		5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.

Total depth of snow for 24 hours ending ..... p. m., ... inches.

Snow, sleet, and hail on ground ..... p. m., ... inches.

Total snowfall, midnight to midnight, ... inches.

Precipitation to ..... a. m., ... ins.; to ..... p. m., ... ins.

Total precipitation, midnight to midnight, ... inches.

Character of day, ... Moon phase, ...

Average daily cloudiness (0–10), ...

Actual sunshine, hours, ... Possible sunshine, hours, ...

Per cent of possible sunshine, ...

Prevailing wind direction, ... Total wind .....

Average hourly velocity, ... Extreme velocity, ...

Maximum velocity, ... Direction, ...

Time began, ...

Reduced barometer, ... a. m. ....., p. m.

River gage, ...

Relative humidity, ... a. m. ..... p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

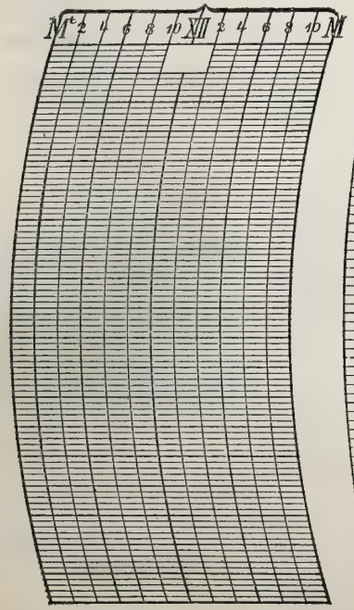
Dry temperature, ... Wet temperature, ...

Dew-point, ... R. humidity, ... V. pressure, ...

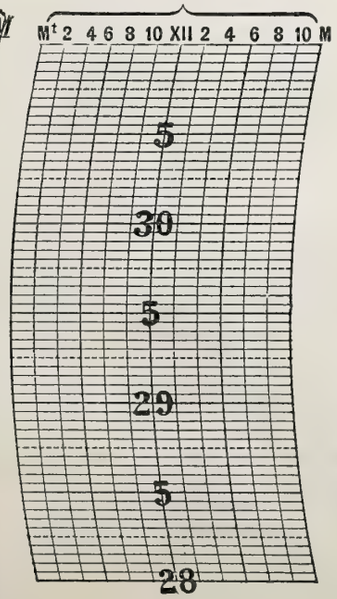
Clouds: Amount, ...; Kind, ...; Direction, ...

Velocity of clouds (miles per hour) .....

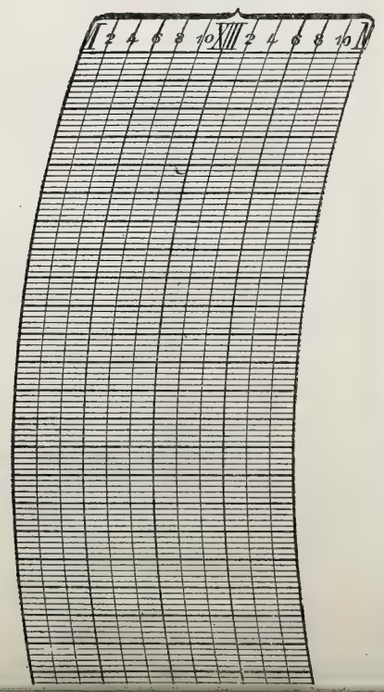
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

Prepared by .....

Verified by

INDEX, DAILY LOCAL RECORD, 192[illegible]

SUBJECTS.	JANUARY.	FEBRUARY.	MARCH.	APRIL.	MAY.	JUNE.	JULY.	AUGUST.	SEPTEMBER.	OCTOBER.	NOVEMBER.	DECEMBER.
Precipitation—Continued.	1, 3, 4, 6, 8, 11, 14, 15, 16, 17, 18, 19, 23, 27	7, 8, 10, 12, 13, 14, 15, 16, 17, 18, 19, 21, 23, 24, 25, 26, 27, 28, 29	4, 5, 6, 7, 13, 18, 19,	2, 3, 4, 5, 6, 8, 12,								27
Snow, light					0	0	0	0		28, 29	22, 27, 1, 11, 12, 15, 16, 17,	19, 21, 23, 24, 26, 10, 14, 15, 16, 17, 18
Heavy	8-9	0	0	0, 26, 28	0	0	0	0		0	0	0
Hail	0	0	0		0	0	0	0	0	0	0	0
Wet periods	0	0	0	18-23	0	14-17	0	0	8-10	25-29	0	0
Rivers, rapid rise	0	0	0	20-23	0	0	0	0	0	0	0	0
Flood stages	0	0	0	20-26	0	0	0	0	0	0	0	0
Low-water stages, unusual	0	0	0	0	0	0	0	0	0	0	0	0
High water, periods of	0	0	0	0	0	0	0	0	0	0	0	0
Frozen	0	0	0	0	0	0	0	0	0	0	0	0
Floating débris	0	0	0	0	0	0	0	0		0	0	0
Gorges	0	0	0	0	0	0	0	0	0	0	0	0
Running ice	0	0	0	0	0	0	0	0		0	0	0
Warnings. *See* Warnings					0	0	0	0	29, 30	1, 5, 28, 29,	9	0
Smoke, light	0	0	0	0	0	0	0	0	8	7, 10, 19, 21, 22	0	9
Dense	0	0	0	0	0	0	0	0	0	0	0	0
Temperature, unusually high	0	0	0	0	0	0	0	0	0	11, 20-23,	0	0
Unusually low	2, 3, 25, 30	15, 16	6, 7	0	0	0	0	22, 23	2, 3, 4, 5, 6, 29, 30,	0	20, 21.	0
Sudden rise	12, 20, 26, 29.	1, 2, 17	0	0	0	0	0	0	0	0	12, 13, 14	0
Sudden fall	1, 13, 28, 30, 31	14	4-5	0	0	0	0	0	28-29	0	0	0
Periods of high	0	0	0	0	0	9-13.	0	0	0	20-23	0	0
Periods of low	2-5, 15-25 31	14-16	5-7	4-10, 12-13	0	0	0	0	2-6, 29-30	28-30	0	0
Thunderstorms	0	0	15, 28	2, 20, 22	20	1, 13, 14, 16, 29	1, 2, 6, 8, 13, 18, 21, 23, 30	6, 7, 10, 13, 16	9, 15, 26, 27	18, 25	0	0
Tornadoes	0	0	28	0	0	0	0	0	0	0	0	0
Warnings, advisory	23	0	0	0	0	0	0	0	0	0	0	0
Cold wave	0	0	4	0	0	0	0	0	0	0	1	9
Emergency	0	0	0	0	0	0	0	0		0	0	0
Frost	0	0	0	0	0	0	0	0	29, 30	1, 5, 28, 29	0	0
Hurricane	0	0	0	0	0	0	0	0	0	0	0	0
Rapid rise in river	0	0	0	20-23	0	0	0	0	0	0	0	0
Flood	0	0	0	20-26	0	0	0	0	0	0	0	0
Winds, 25 to 39 miles per hour	1, 2, 9, 13, 23, 30,	3, 4, 10, 15 17	4, 5, 8, 9, 12, 13, 16, 17, 24, 25, 26, 28, 29, 30, 31	1, 2, 4, 7, 8, 12, 14, 16, 17, 20, 22, 23	12, 13, 17	4, 14, 16, 29	2, 13, 18, 21, 23, 29, 30	7	[illegible]	[illegible]	3, 4, 9, 11,	22, 23, 29 4, 5, 8, 13, 16, 17,
40 miles per hour, or over	0	0	26, 29	0	0	0	0	0	0	0		
Hurricanes	0	0	0	0	0	0	0	0	0	0		

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INDEX, DAILY LOCAL RECORD, 1920.

SUBJECTS.	JANUARY.	FEBRUARY.	MARCH.	APRIL.	MAY.	JUNE.	JULY.	AUGUST.	SEPTEMBER.	OCTOBER.	NOVEMBER.	DECEMBER.
Auroras	6	0	0	0	0	0	0	0	0	0	0	0
Clouds, special formation	0	0	0	0	0	0	0	0	0	0	0	0
Cold waves	1, 31,	14, 15	5	0	0	0	0	0	0	0	10	22
Dew, heavy deposits of	0	0	0	0	0	6	0	3, 4, 9, 11, 23, 24, 25, 30.	4, 21, 25	11, 18, 19, 22,	0	0
Droughts	0	0	0	0	0	0	0	0	0	0	0	0
Earthquakes	0	0	0	0	0	0	0	0	0	0	0	0
Fires, forest	0	0	0	0	0	0	0	0	0	0	0	6
Fog, dense	0	0	10, 11, 19	0	0	0	22	28	4	17	0	9
Floods, other than in rivers	0	0	0	0	0	0	0	0	0	0	0	0
Frosts, light	—	—	—	24, 25.	1, 4, 14, 16	0	0	0	30	2, 5, 7	0	—
Heavy	—	—	—	0	3, 15	0	0	0	0	6	0	—
Killing	—	—	—	6, 7, 8, 9, 10 13, 14	0	0	0	0	0	29, 30	0	—
First killing after July 15	—	—	—	—	—	—	—	—	—	29	—	
Last killing before July 15	—	—	—	14	—	—	—	—	—	—	—	
Last heavy before July 15	—	—	—	—	15	—	—	—	—	—	—	—
First heavy after July 15	—	—	—	—	—	—	—	—	—	6	—	—
Hail. *See* Precipitation					0	0	0	0	0	0	0	0
Ice	—	—	—	—	0	0	0	0	0	0	0	0
Lightning, damage by	0	0	—	—	0	16	18, 30	0	0	0	0	0
Deaths by	0	0	—	—	0	16	0	0	0	0	0	0
Meteors	0	0	—	—	0	0	0	0	0	0	0	0
Navigation, opening	—	—	—	—	0	0	0	0	—	—	0	—
Closing	—	—	—	—	0	0	0	0	—	—	0	—
Impeded	—	—	—	—	0	0	0	0	—	—	0	—
Observations, not taken	0	0	—	—	0	0	0	0	—	0	0	—
Taken late	0	0	—	—	0	0	0	0	—	0	0	0
Special	16, 19, 20, 23,	13, 17, 23	4, 15	12, 23, 26	10, 11, 12, 19	17, 21	18, 23	0	28	0	29, 1, 22	4, 27
Optical phenomena, haze	0	0	0	0	0	28	0	0	0	4	0	0
Coronæ	0	4	0	0	30	0	0	0	0	0	0	0
Halo, lunar	0	0	0	1	27	0	0	0	0	0	19	0
Solar	2	0	0	1, 3, 5, 10, 17 25,	7, 22, 28	13	0	30	13, 22	1, 12, 23	0	0
Parhelia	2	0	0	6, 25	0	0	0	30	0	0	0	12
Parselenæ	0	0	0	0	0	0	0	0	0	0	0	0
Rainbows	0	0	0	0	0	0	0	0	14	0	0	0
Sunrise, peculiar	0	0	0	0	0	0	0	0	0	0	0	0
Sunset, peculiar	0	0	0	0	0	0	0	0	0	0	0	0
Zodiacal light	0	0	0	0	0	0	0	0	0	0	0	0
Precipitation, rain, heavy	0	0	0	26	0	0	30	0	0	25	0	0
Excessive	0	0	0	0	0	1, 14, 29	6, 18, 30	7	26	0	0	0
Sleet	0	6	19	0	0	0	~~2, 17~~ 0	0	0	0	0	21

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